

Site Information

Closure Report
Zinnia BKC Federal #1
Eddy County, New Mexico
Unit E Sec 27 T20S R29E
2RP-759
32.546017°, -104.069121°

Produced Water Release Source: Water Tank Release Date: 01/14/2010 Volume Released: 8 bbls/PW Volume Recovered: 0 bbls/PW

> Prepared for: EOG Resources 5509 Champions Dr. Midland, TX 79706

Prepared by:
NTG Environmental
701 Tradewinds Blvd
Suite C
Midland, TX 79706



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701 Tradewinds Boulevard, Suite C Midland, Texas 79706 Tel. 432.685.3898 www.ntglobal.com

May 4, 2021

Mr. Bradford Billings New Mexico Oil Conservation Division 5200 Oakland Ave N.E Suite100 Albuquerque, NM 87113

Re: Closure Report

Zinnia BKC Federal #1 2RP-759

EOG Resources Inc.

Site Location: Unit E, S27, T20S, R29E (Lat 32.546017°, Long -104.069121°)

Eddy County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for Zinnia BKC Federal #1 2RP-759. The site is located at 32.546017°, -104.069121° within Unit E, S27, T20S, R29E, and approximately 12.78 miles Northeast of Carlsbad, New Mexico, in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on January 14, 2010. It resulted in the release of approximately eight (8) barrels of produced water tank release, and zero (0) barrels of produced water were recovered. The impacted area measured approximately 50' x 13', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineer's and USGS databases, there is one known water source within ½ mile radius of the location. The identified well is located approximately 0.29 miles West of the site in S28, T20S, R29E. The well has a reported depth to groundwater of 90 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

• Benzene: 10 milligrams per kilogram (mg/kg).

- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride 600 mg/kg

Site Assessment

On March 16, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of five (5) sample points were advanced to depths ranging surface -1.5 ft bgs within and surrounding the release area to assess the vertical and horizontal extent of potential impacts. The soil sample locations are shown on Figure 3.

The soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Xenco Laboratories in Midland, Texas, for chemical analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix C. The analytical results are provided in Table 1.

Referring to Table 1, the area of S1 showed a high concentration of 153 mg/kg for TPH at surface. The area of S2 showed a high chloride concentration of 691 mg/kg at surface to 1.0' and 679 mg/kg at 1.0'-1.5' below surface. In addition, the area of S2 showed a TPH concentration of 348 mg/kg, then decreased with depth. H-2 and H-3 both showed high TPH concentrations of 148 mg/kg and 1,360 mg/kg. The area of H-2 showed a chloride concentration of 250 mg/kg and H-3 with a concentration of 1,080 mg/kg, respectively. All samples are below the NMOCD regulatory criteria for BTEX. Due to the dense formation, NTGE was not able to get deeper samples.

Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite from March 30, 2021, through April 5, 2021, to supervise the remediation activities and collect confirmation samples. Before remediating the site, the lines were hydro vacced and hand spotted for safety concerns. The areas of S-1 and S-2 were excavated to a depth of 1.5' - 2.5' below surface.

A total of six (6) confirmation samples were collected (CS-1 through CS-6), and nine (9) sidewall samples (SW-1 through SW-9) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

Referring to Table 1, none of the final confirmation samples showed TPH, benzene, or total BTEX above the reporting limits. All final confirmation samples for chloride were below 600 mg/kg.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 100 cubic yards of material were excavated and transported offsite for proper disposal

Conclusions

Based on the finding of the assessment and the analytical results, no further actions are required at the site. The final C-141 is attached, and EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,

NTG Environmental

Mike Carmona

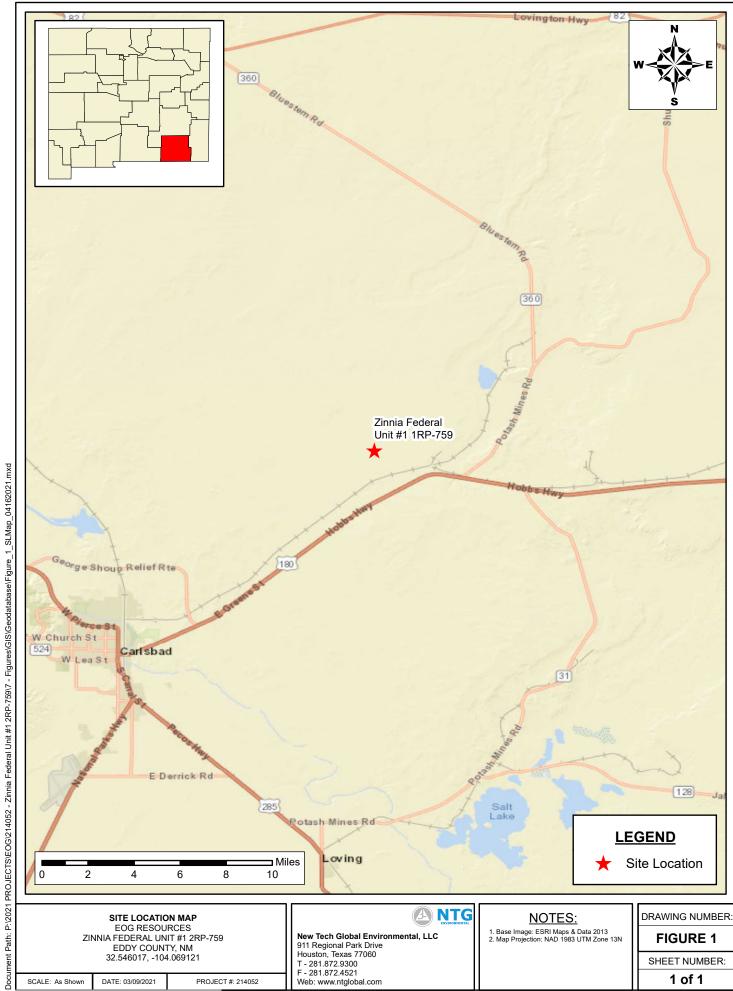
Senior Project Manager

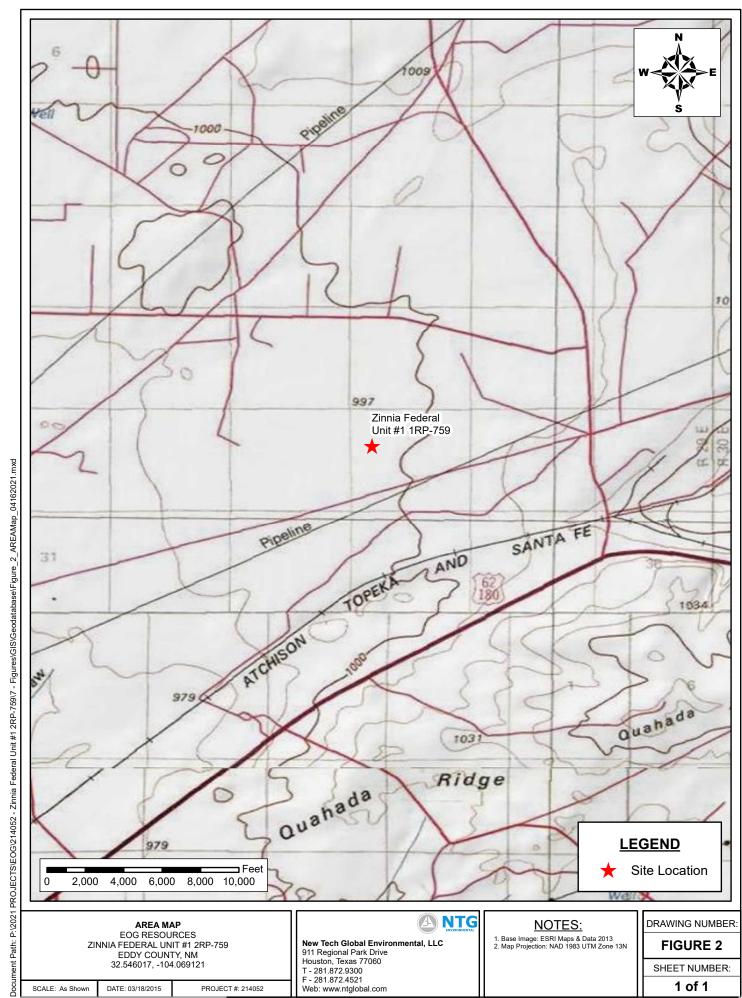
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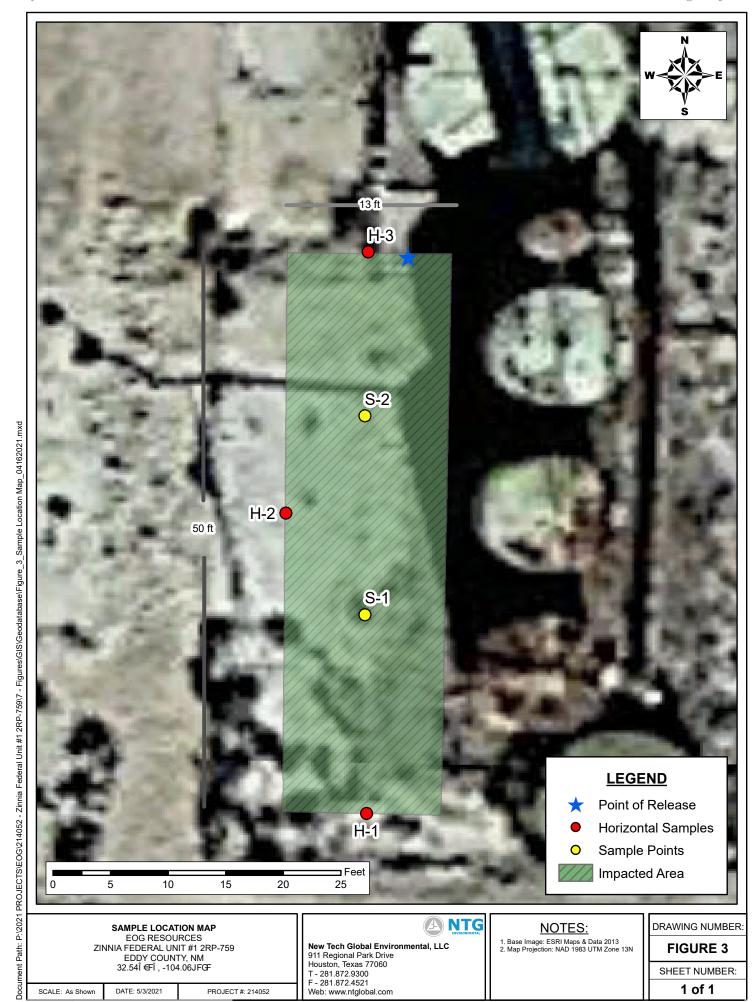
Figures





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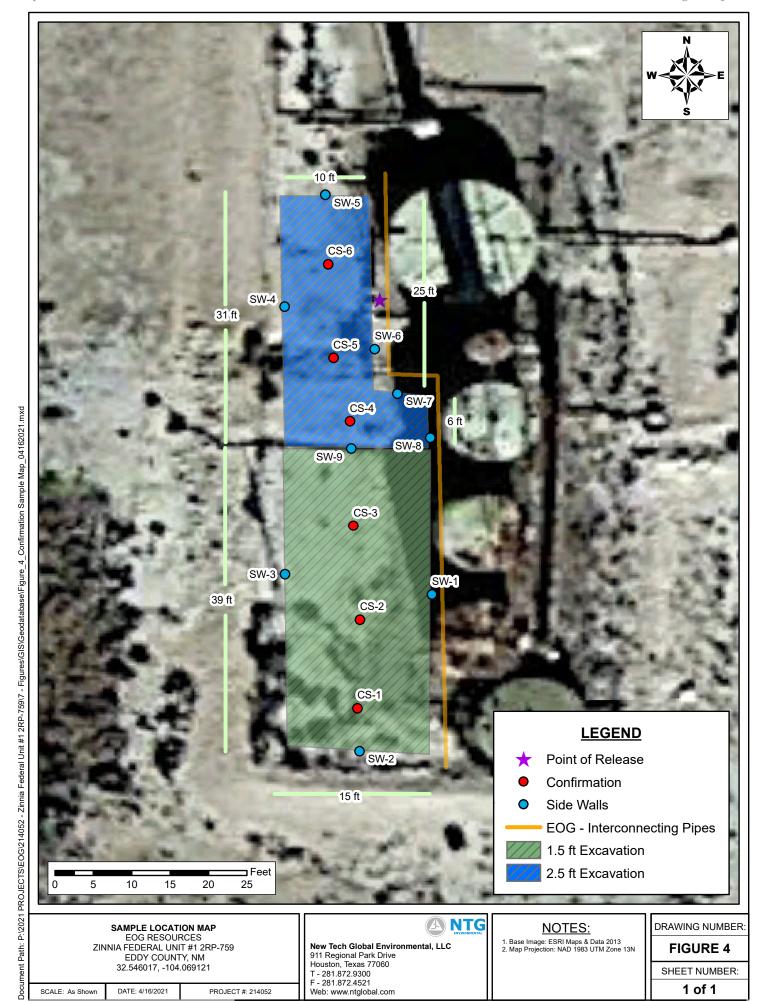
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Tables

Table 1
EOG Resources
Zinnia Federal #1 2RP-759
Eddy County, New Mexico

| Sample ID Date Sample | | Sample | TPH (mg/kg) | | | | Benzene Toluene | Ethlybenzene | Xylene | Total BTEX | Chloride | |
|-----------------------|-------------|------------|-------------|-------|-------|-----------|-----------------|--------------|----------------------|---------------|----------|-----------|
| Sample ID | Date | Depth (ft) | DRO | GRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| S-1 | HBFÎ EDS€GF | €Ë | 153 | ŁIJÈ | ŁIJÈ | 153 | Ł€È€G€€ | Ł€È€G€€ | Ł€È€€€€€ | Ł€È€HJJ | Ł€È€G€€ | ďÌ |
| 3-1 | Ä | FËFĚ | ŁIJÈ | ŁIJÈ | ŁIJÈ | ŁIJÈ | Ł€È€G€F | Ł€È€G€F | Ł€È€G€F | Ł€È€€ €G | Ł€È€G€F | HÎ G |
| | | | | | | | | | | | | |
| S-2 | HBFÎ BO€GF | €Ë | 348 | ŁÍ€È | ŁÍ€È | 348 | Ł€È€FJJ | Ł€È€FJJ | Ł €È€ FJJ | Ł€È€HJÌ | Ł€ŒFJJ | 691 |
| 3-2 | Ä | FËFĚ | ŁÍ €È€ | ŁÍ€È€ | ŁÍ⊕È€ | ŁÍ €È€ | Ł€ÌÈE€Œ€ | Ł€È€€G€€ | Ł€È€G€€ | Ł€È€HJJ | Ł€È€C€€ | 679 |
| H-1 | HBFÎ EDS€GF | €Ĭ | ŁÍ€È | ŁÍ€È | ŁÍ€È | ŁÍ€È | Ł€È€G€F | Ł€È€G€F | Ł€È€G€F | Ł€È€EI€G | Ł€È€G€F | Í GJ |
| H-2 | HBFÎ BO≆GF | €Ě | 148 | ŁIJË | ŁIJË | 148 | Ł€È€FJJ | Ł€È€FJJ | Ł€ŒFJJ | Ł€È€€-IJÌ | Ł€È€FJJ | QÍ€ |
| H-3 | HBFÎ ED€GF | €Ĭ | 1,360 | ŁIJĖ | ŁIJĔ | 1,360 | Ł€ŒFJÌ | Ł€È€FJÌ | Ł€ŒFJÌ | Ł€È€€HJÏ | Ł€È€FJÌ | 1,080 |
| | ory Limits | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

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Table 2
EOG Resources
Zinnia Federal #1 2RP-759
Eddy County, New Mexico

| Samula ID | Date | Excavation | | ТРН | (mg/kg) | | Benzene | Toluene | Ethlybenzene | benzene Xylene | | Chloride |
|-----------|------------|------------|-------|-------|---------|-----------|-----------|----------|--------------|----------------|-----------------|-----------|
| Sample ID | Date | Depth (ft) | DRO | GRO | MRO | Total | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | BTEX (mg/kg) | (mg/kg) |
| ÔÙË | IÐÍÐЀGF | FĚ | ŁIJĖ | ŁIJĖ | ŁIJĖ | ŁIJÈ | Ł€ŒFJÌ | Ł€È€FJÌ | Ł€ŒFJÌ | Ł€È€€HJÏ | Ł€ŒFJÌ | FÎΪ |
| ÔÙËG | IÐÓÐEGF | FĚ | ŁIJÀ | ŁIJÈ | ŁIJÈ | ŁIJÈ | Ł€ŒFJÌ | Ł€ŒFJÌ | Ł€ŒFJÌ | Ł€È€HJÎ | Ł€È€FJÌ | FÌÍ |
| ÔÙËH | IÐÓÐEGF | FĚ | ŁIJÈ | ŁIJÈ | ŁIJÈ | ŁIJÈ | Ł€ŒFJJ | Ł€ŒFJJ | Ł€ŒFJJ | Ł€È€€UÌ | Ł€È€FJJ | FI G |
| ÔÙË | IÐÓÐEGF | ŒĬ | ŁIJĠ | îîÈ | ŁIJĖ | îîÈG | Ł€ŒFJJ | Ł€ŒFJJ | Ł€ŒFJJ | Ł€È€€UÌ | Ł€È€FJJ | FHÍ |
| ÔÙÉ | IÐÓÐEGF | ŒĬ | ŁIJĠ | ŁIJĠ | ŁIJÈ | ŁIJÈ | Ł€È€G€G | Ł€È€G€G | Ł€È€G€G | Ł€Œ€€ | Ł€È€G€G | FÍ I |
| ÔÙÉ | IÐÉЀGF | ŒĬ | ŁÍ€È€ | ŁÍ€È€ | ŁÍ€È€ | ŁÍ€È€ | Ł€È€C€€ | Ł€È€€€€€ | Ł€È€G€€ | Ł€È€€ €F | Ł€È€G€€ | FĺΪ |
| ÙΥË | IÐÓÐEGF | Ë | ŁÍ€È€ | ÎίÈ | ŁÍ€È€ | Îίὰ | Ł€È€G€€ | Ł€È€G€€ | Ł€È€G€€ | Ł€ŒHJJ | Ł€È€G€€ | ĠΪ |
| ÙY ËG | IÐÓÐEGF | Ë | ŁIJÈ | ΪΪÈÈ | ŁIJÈ | ΪΪÈ | Ł€Œ€ŒF | Ł€È€G€F | Ł€È€G€F | Ł€È€€ €G | Ł€È€G€F | ÌJÈ |
| ÙΥ ËH | I∯EŒŒ | Ë | 574 | ÌFÈ | 221 | 876 | Ł€È€C€€ | Ł€Ì€€C€€ | Ł€È€G€€ | Ł€È€EI €F | Ł€Ì€€G€€ | ΙĠ |
| 01 11 | I #FGEØ€GF | Ë | ŁIJÀ | ŁIJÀ | ŁIJÈ | ŁIJÈ | Ł€Œ€€€€€€ | Ł€Œ€Œ€ | Ł€Œ€€€€€ | Ł€ŒHIJ | Ł€È€G€€ | ÍJĚ |
| ÙΥ Ë | IÐÉЀGF | Ë | 491 | ÍΙË | 187 | 733 | Ł€Œ€Œ€ | Ł€È€C€€ | Ł€Œ€G€€ | Ł€È€E €F | Ł€È€€€€€ | 627 |
| 01 11 | I #FGEØ€GF | Ë | ŁIJÈ | ŁIJÈ | ŁIJÈ | ŁIJÈ | Ł€ŒFJJ | Ł€ŒFJJ | Ł€ŒFJJ | Ł€È€HJÌ | Ł€ŒFJJ | ÎFË |
| ÙY Ħ | IÐÓEÐGF | Ë | ŁIJĎ | ŁIJĠ | ŁIJÈ | ŁIJÈ | Ł€È€G€G | Ł€È€G€G | Ł€È€G€G | Ł€È€€ € | Ł€È€G€G | JHÈH |
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| | ory Limits | | | | | 100 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

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Photo Log

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Zã}ãæÁÓSÔÁØ^å^¦æÁÁF

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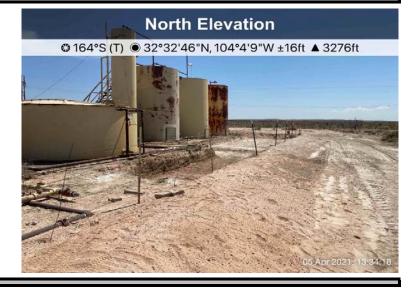
Photograph No. 2

Facility: Zã } ãæÓSÔÁØ^å^¦æÁÅF

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Description:

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Photograph No. 3

Facility: Zã}ãæÁÓSÔÁØ^å^¦æÁÁF

County: $\mathring{O}_a^* \mathring{AO}[\mathring{S}_b^*] \mathring{A}^* \mathring{$

Description:





Appendix A

District J
1625 N. French Dr., Hobbs, NM 88240
District IJ
1301 W. Grand Avenue, Artesia, NM 88210
District IU
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

| | Release Notification and Corrective Action | | | | | | | | | | | |
|-----------------------------|--|--|-------------------------|---|----------------------|---|--|-------------------------|--------------------------|----------------------------|---------------------------------------|-----------------------|
| nKmu | 1//// | 4329 | 7 | | <u>PERA</u> | | | Σ | Initia | l Report | | Final Report |
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| Yates Petro | leum Corp | oration | | 25575 | | Robert Ashe Telephone N | | | | | · · · · · · · · · · · · · · · · · · · | |
| 104 S. 4 TH | Street | | | | | 575- 7 48-14 | | | | | | |
| Facility Na | | | | API Number | | Facility Typ | e | | _ | | | |
| Zinnia BKC | Federal # | 11 | | 30-015-2793 | 9 | Battery | | | | | | |
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| Federal | | | | Federal | | | | | NM-83 | 3068 | | |
| | | | | LOCA | ATIO | N OF RE | LEASE | | | | | |
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| Was Immedi | me Notice (| | Yes [| No 🛛 Not R | equired | If YES, To N/A | wnom? | | | | | |
| By Whom? | | | | | <u>'</u> | Date and H | lour | | | | | |
| N/A | | | | | | N/A | | | | | | |
| Was a Water | course Read | | Yes 🗵 | l No | | If YES, Volume Impacting the Watercourse. N/A | | | | | | |
| | irse was Im | pacted, Descr | | | | 1774 | | | | | | |
| N/A Describe Cau | ise of Probl | em and Reme | dial Action | n Taken.* | | <u> </u> | | | | | | |
| | | | | ump causing wate | er tank to | отип over. N | o produced water | to recov | er, pump | started on v | vater tar | nk. |
| Describo Arr | a Affected | and Cleanup A | Action Tak | en * | | | | | | | | |
| An approxim | ate area of : | 5' X 30'. All | water rem | ained within berr | ned batte | ery. Vertical | and horizontal de | lineation | samples | will be take | n and a | nalysis ran |
| for TPH & B | TEX. Chlo | rides will be o | locumente | d. If results are a | above RI | RAL's for TP: | H & BTEX with t | the site ra | nking of | ten (10), a | work al: | an or |
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| I hereby certi | fy that the i | nformation gi | von shove | is true and comp | Jule to th | he best of my | knowledge and u | nd accton | l »Lat mu | cuppt to MA | MOCD | ulas and |
| regulations a | l operators | are required to | o report an | id/or file certain r | clease n | otifications ar | id perform correc | tive actio | ns for rel | eases which | h may ei | ndanger |
| public health | or the cavi | conment. The | acceptance | e of a C-141 repo | ort by the | e NMOCD m | arked as "Final R | eport" do | es not rel | ieve the op | crator o | liability [|
| or the environ | iperations it iment. In a | ave ranca to a ddition, NMO | CD accen | investigate and r tance of a C-141 | renort d | e contaminationes not relieve | on that pose a three the contract of a | eat to gro responsib | und wate ility for c | r, surface w compliance | ater, hu with an | man health v other |
| federal, state, | or local lay | vs and√or tegu | lations. | | | | | | | | | |
| | \bigcirc . | OIL CONSERVATION DIVISION | | | | | | | | | | |
| Signature: | | | | | | | | | | | | |
| Printed Name: Robert Asher | | | | | | Approved by District Supervisor: Mily Benevicon | | | | | ! | |
| | | | //. / | | | | | - | | | | |
| Title: Environ | imental Reg | ulatory Agen | t | | | Approval Date | : <i>4/31/11</i> | Ex | piration | Date: | | |
| E-mail Addre | ss: boba@y | atespetroleum | .com | | | Conditions of | Approval: | | | 1 | , | |
| Date: Manda | , lan ^ | 5 2010 | ni | . 606 340 4015 | | | diation per O | CD Rule | es & | ^ ttached | i 📙 | |
| Date: Monday * Attach Addit | | | | : 57 <u>5-748-4217</u> | | | s. SUBMIT RE | | | | | |
| | | TO TE EACHORS | ** J | | | | L NOT LATER | | | | 2 8 | P.159 |
| | | | | | | | 5/2/ | /11 | _ | | クリ | , , , - / |
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YATES PETROLEUM CORPORATION

| FACSIMIL | E TRANSMITTAL SHEET | | | | | |
|---|---|--|--|--|--|--|
| то: Mike Bratcher | гком: Robert Asher | | | | | |
| FAX NUMBER: 9-748-972() | | | | | | |
| company: NMOCD | total no. of pages including cover: 2 | | | | | |
| re: C-141; Zir _i nia BKC Federal #1 | notes/comments: Initial Report (1/14/2010 Release) | | | | | |
| □ URGENT ☑ FOR REVIEW □ | please comment □ please reply □ please recycle | | | | | |

ADDITIONAL NOTES & COMMENTS:

Call me if you have any questions, 575-748-4217.

Thank you.

Robert Asher

Environmental Regulatory Department

105 SOUTH FOURTH STREET • ARTESIA, NEW MEXICO 88210-2118 PHONE: 575-748-4217 (DIRECT) • FAX: 575-748-4662

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| Incident ID | |
|----------------|---------|
| District RP | 2RP-759 |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| 90' (ft bgs) | | | | | |
|---|--|--|--|--|--|
| ☐ Yes 🗸 No | | | | | |
| ☐ Yes 🚺 No | | | | | |
| ☐ Yes 🗸 No | | | | | |
| ☐ Yes 🕢 No | | | | | |
| ☐ Yes 🗸 No | | | | | |
| ☐ Yes 🕢 No | | | | | |
| ☐ Yes 🗸 No | | | | | |
| ☐ Yes 🕢 No | | | | | |
| ☐ Yes 🕢 No | | | | | |
| ☐ Yes 🕢 No | | | | | |
| ☐ Yes 🕢 No | | | | | |
| ✓ Yes 🗌 No | | | | | |
| Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. | | | | | |
| | | | | | |
| ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. ✓ Field data ✓ Data table of soil contaminant concentration data ✓ Depth to water determination ✓ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release ☐ Boring or excavation logs ✓ Photographs including date and GIS information ✓ Topographic/Aerial maps ✓ Laboratory data including chain of custody | | | | | |
| | | | | | |

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 10/7/2021 2:09:28 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

| | Page 20 of 12 | 21 |
|----------------|---------------|----|
| Incident ID | | |
| District RP | 2RP-759 | |
| Facility ID | | |
| Application ID | | |

| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | | | | | |
|--|---------------------------------|--|--|--|--|
| Printed Name: James Kennedy | Title: Environmental Specialist | | | | |
| Signature: James Kennedy | Date:4/29/2021_ | | | | |
| email: james_kennedy@eogresources.com | Telephone: 432.848.9146 | | | | |
| | | | | | |
| OCD Only | | | | | |
| Received by: | Date: | | | | |
| | | | | | |

Received by OCD: 10/7/2021 2:09:28 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Incident ID nKMW111143297
District RP 2RP-ÏÍJ
Facility ID
Application ID

Closure

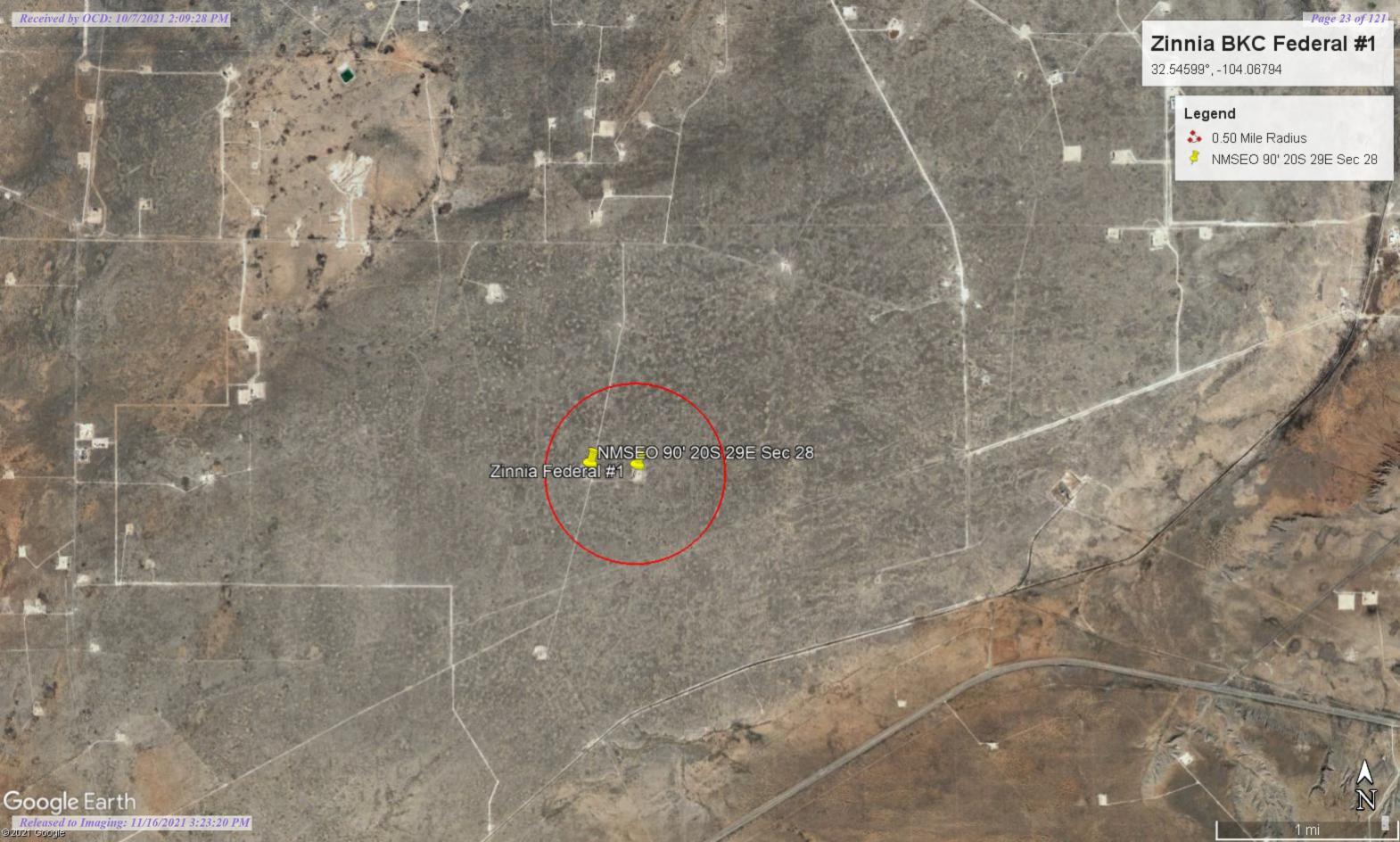
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) | | | | | | | |
|---|---|--|--|--|--|--|--|
| ✓ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) | | | | | | | |
| ✓ Description of remediation activities | | | | | | | |
| | | | | | | | |
| and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of | tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in | | | | | | |
| | Title: Environmental Specialist | | | | | | |
| Signature: Ames Kennedy | Date: 4/29/2021 | | | | | | |
| email: james_kennedy@eogresources.com | Telephone: 432.848.9146 | | | | | | |
| | | | | | | | |
| OCD Only | | | | | | | |
| Received by: | Date: | | | | | | |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations. | | | | | | |
| Closure Approved by: Bradford Billings | Date:11/16/2021 | | | | | | |
| Printed Name: Bradford Billings | Title: Envi.Spec.A | | | | | | |
| _ | | | | | | | |



Appendix B





New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned,

closed)

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

| | | V 1 | | | | | 3 7 | ` | | | | , |
|-----------------|-------------|--------|------|-----|-----|-----|-----|--------|------------|-------|-------|--------|
| | POD Sub- | | Q (| Q Q | ! | | | | | Depth | Depth | Water |
| POD Number | Code basin | County | 64 1 | 6 4 | Sec | Tws | Rng | Х | Υ | Well | Water | Column |
| C 03265 POD1 | CUB | ED | 1 1 | 3 | 20 | 20S | 29E | 584052 | 3602648* | 89 | 52 | 37 |
| CP 00698 POD1 | СР | ED | 3 | 3 1 | 03 | 20S | 29E | 587393 | 3608010 🎒 | | | |
| <u>CP 00740</u> | СР | ED | 2 3 | 3 | 12 | 20S | 29E | 590669 | 3605509* 🌍 | 150 | | |
| CP 00743 POD1 | СР | ED | 2 | 2 4 | 05 | 20S | 29E | 585319 | 3607382* 🌑 | 160 | | |
| CP 00745 POD1 | СР | ED | 4 1 | 3 | 12 | 20S | 29E | 590653 | 3605782 🌍 | 232 | | |
| CP 00752 POD1 | СР | ED | 1 | 3 | 15 | 20S | 29E | 587293 | 3604181 🌍 | 2567 | | |
| CP 00759 | СР | ED | 4 | 2 | 28 | 20S | 29E | 586984 | 3601360* 🌍 | 205 | 90 | 115 |
| CP 00830 POD1 | СР | LE | 2 | 2 1 | 04 | 20S | 29E | 586118 | 3608193* 🌍 | 120 | | |
| CP 00831 POD1 | СР | LE | 2 | 2 2 | 10 | 20S | 29E | 588548 | 3606605* 🌍 | 100 | | |
| CP 00832 POD1 | СР | LE | 2 | 2 3 | 12 | 20S | 29E | 590971 | 3605815* 🌍 | 200 | | |
| CP 00833 POD1 | СР | LE | 1 | 2 | 16 | 20S | 29E | 586548 | 3604978* 🌑 | 100 | | |
| CP 00936 POD1 | СР | ED | 3 4 | 2 | 30 | 20S | 29E | 583661 | 3601238* 🌑 | 70 | 52 | 18 |
| CP 01201 POD1 | СР | ED | 2 2 | 2 1 | 18 | 20S | 29E | 582983 | 3605121 🎒 | 140 | 100 | 40 |
| CP 01202 POD1 | СР | ED | 4 4 | 3 | 26 | 208 | 29E | 589569 | 3600512 🌑 | 173 | 158 | 15 |
| | | | | | | | | | | | | |

Average Depth to Water:

90 feet

Minimum Depth:

52 feet

Maximum Depth: 158 feet

Record Count: 14

PLSS Search:

Township: 20S Range: 29E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X

CP 00759

2 28 20S 29E

586984 3601360*

Driller Company: GLENN'S WATER WELL SERVICE **Driller License: 421**

Driller Name: GLENN, CLARK A. "CORKY" (LD)

Drill Start Date: 04/29/1991

Drill Finish Date:

04/29/1991

Plug Date:

Log File Date:

05/02/1991

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 150 GPM

Casing Size:

6.63

Depth Well:

205 feet

Depth Water:

90 feet

Water Bearing Stratifications:

Top Bottom Description

148

172 Limestone/Dolomite/Chalk

172

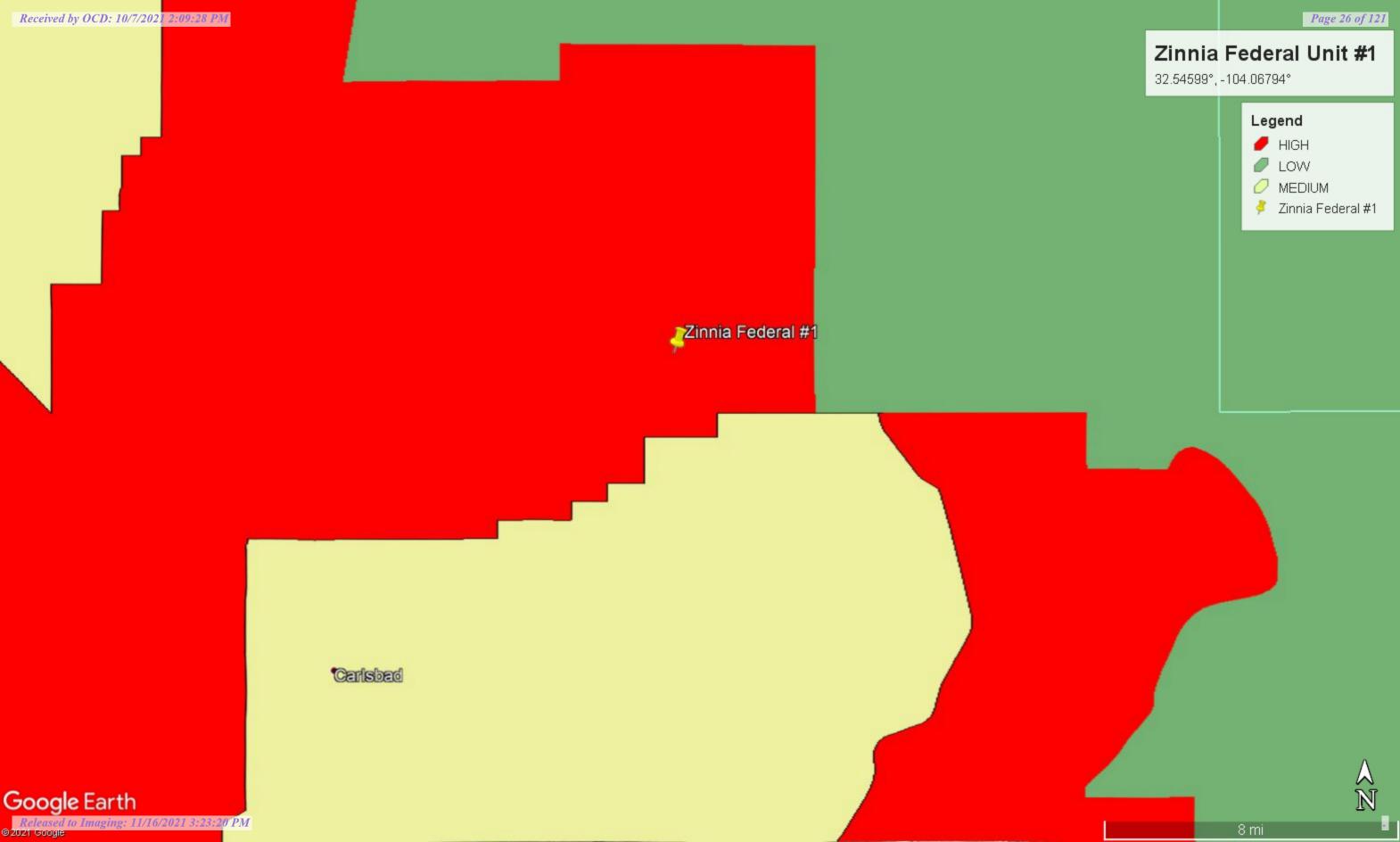
175 Other/Unknown

Casing Perforations:

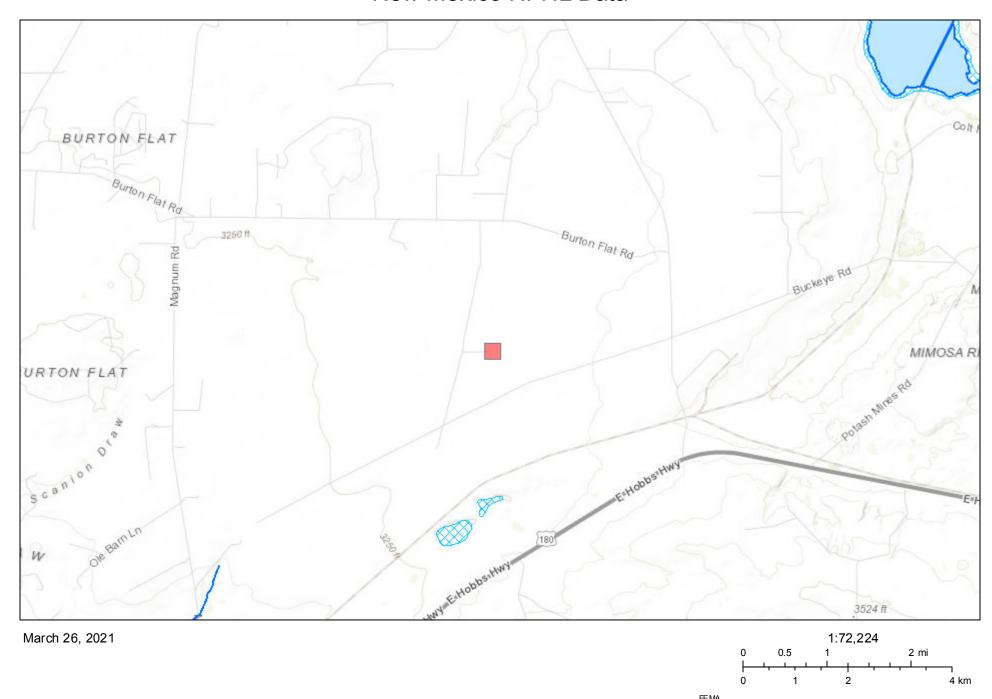
Top Bottom

144

205



New Mexico NFHL Data



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,



National Water Information System: Mapper





Appendix C



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-496-1

Laboratory Sample Delivery Group: Eddy County NM Client Project/Site: EOG - Zinnia Fed #1 2RP-759

For:

NT Global 701 Tradewinds Blvd Midland, Texas 79706

Attn: Mike Carmona

MAMER

Authorized for release by: 3/26/2021 11:37:41 AM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 11/16/2021 3:23:20 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1

2

3

6

7

10

12

13

14

Client: NT Global Laboratory Job ID: 880-496-1
Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

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15

Definitions/Glossary

Client: NT Global Job ID: 880-496-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description** LCS and/or LCSD is outside acceptance limits, high biased. S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

EDL

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|--------------|--|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE) MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry) Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) **RER**

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Xenco, Midland

Case Narrative

Client: NT Global

Project/Site: EOG - Zinnia Fed #1 2RP-759

Job ID: 880-496-1

SDG: Eddy County NM

Job ID: 880-496-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-496-1

Receipt

The samples were received on 3/19/2021 11:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C

GC VOA

Method 8021B: Internal standard responses were outside of acceptance limits for the following samples: H-1 (0-6") (880-496-1) and H-2 (0-6") (880-496-2). The sample(s) shows evidence of matrix interference.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: NT Global Job ID: 880-496-1 Project/Site: EOG - Zinnia Fed #1 2RP-759

SDG: Eddy County NM

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-496-1

Analyte Result Qualifier RL **MDL** Unit Dil Fac D Method **Prep Type** Chloride 300.0 529 4.99 mg/Kg Soluble

Lab Sample ID: 880-496-2

Client Sample ID: H-2 (0-6")

Client Sample ID: H-3 (0-6")

| | Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|-----------------------------|--------|-----------|------|-----|-------|---------|---|----------|-----------|
| | Diesel Range Organics (Over | 148 | | 49.7 | | mg/Kg | 1 | _ | 8015B NM | Total/NA |
| | C10-C28) | | | | | | | | | |
| | Total TPH | 148 | | 49.7 | | mg/Kg | 1 | | 8015B NM | Total/NA |
| L | Chloride | 250 | | 25.2 | | mg/Kg | 5 | | 300.0 | Soluble |

Lab Sample ID: 880-496-3

| Analyte | Result | Qualifier | RL | MDL Unit | Dil Fac [| Method | Prep Type |
|-----------------------------|--------|-----------|------|----------|-----------|----------|-----------|
| Diesel Range Organics (Over | 1360 | | 49.7 | mg/Kg | 1 | 8015B NM | Total/NA |
| C10-C28) | | | | | | | |
| Total TPH | 1360 | | 49.7 | mg/Kg | 1 | 8015B NM | Total/NA |
| Chloride | 1080 | | 25.1 | mg/Kg | 5 | 300.0 | Soluble |

Client: NT Global

Project/Site: EOG - Zinnia Fed #1 2RP-759

Job ID: 880-496-1
SDG: Eddy County NM

Client Sample ID: H-1 (0-6")

Date Collected: 03/16/21 00:00

Lab Sample ID: 880-496-1

Matrix: Solid

Date Received: 03/19/21 11:23

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |
| Total BTEX | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 118 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 07:25 | 1 |

| Method: 8015B NM - Diesel Ra | - | | (GC) | | | | | | |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U *+ | 50.1 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 06:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 06:19 | 1 |
| Oll Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 06:19 | 1 |
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 06:19 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 103 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 06:19 | 1 |
| o-Terphenyl | 102 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 06:19 | 1 |

| Method: 300.0 - Anions, Ion C | hromatography | - Soluble | | | | | | |
|-------------------------------|---------------|-----------|-----|-------|---|----------|----------------|---------|
| Analyte | Result Qual | ifier RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 529 | 4.99 | | mg/Kg | | | 03/20/21 17:47 | 1 |

Client Sample ID: H-2 (0-6")

Date Collected: 03/16/21 00:00

Date Received: 03/19/21 11:23

Lab Sample ID: 880-496-2

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 07:45 | 1 |

Eurofins Xenco, Midland

03/19/21 14:53 03/20/21 06:40

49.7

<49.7 U *+

2

3

5

7

9

10

12

14

15

mg/Kg

Gasoline Range Organics

(GRO)-C6-C10

Job ID: 880-496-1

Client: NT Global Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Client Sample ID: H-2 (0-6") Lab Sample ID: 880-496-2 Date Collected: 03/16/21 00:00 **Matrix: Solid**

Date Received: 03/19/21 11:23

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | 148 | | 49.7 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 06:40 | 1 |
| Oll Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 06:40 | 1 |
| Total TPH | 148 | | 49.7 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 06:40 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 99 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 06:40 | 1 |
| o-Terphenyl | 97 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 06:40 | 1 |

Result Qualifier Prepared Analyte RL **MDL** Unit D Analyzed Dil Fac Chloride 25.2 mg/Kg 03/20/21 17:52 250

Client Sample ID: H-3 (0-6") Lab Sample ID: 880-496-3

Date Collected: 03/16/21 00:00 **Matrix: Solid** Date Received: 03/19/21 11:23

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
| Total BTEX | <0.00198 | U | 0.00198 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
| Xylenes, Total | < 0.00397 | U | 0.00397 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
| m-Xylene & p-Xylene | < 0.00397 | U | 0.00397 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1 Dramaficarahan-ana (Court | | | 70 120 | | | | 02/05/04 47:52 | 02/26/24 08:06 | |

| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
|-----------------------------|--------------|-------------|----------|-----|------|---|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 08:06 | 1 |
| Method: 8015B NM - Diesel R | lange Organi | cs (DRO) (0 | GC) | | | | | | |
| | | | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |

49.7 03/19/21 14:53 03/20/21 07:23 **Diesel Range Organics (Over** 1360 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <49.7 U 49.7 mg/Kg 03/19/21 14:53 03/20/21 07:23 03/19/21 14:53 03/20/21 07:23 **Total TPH** 1360 49.7 mg/Kg

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|--------------------|--------------|---------|
| 1-Chlorooctane | 108 | | 70 - 130 | 03/19/21 14:53 03/ | /20/21 07:23 | 1 |
| o-Terphenyl | 102 | | 70 - 130 | 03/19/21 14:53 03/ | /20/21 07:23 | 1 |

| Method: 300.0 - Anions, Ion Chromatography - Soluble | | | | | | | | | |
|--|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 1080 | | 25.1 | | mg/Kg | | | 03/20/21 17:58 | 5 |

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global Job ID: 880-496-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

| | | | Percent 9 | Surrogate Recovery (Acceptance Limits) |
|------------------|------------------|----------|-----------|--|
| | | BFB1 | DFBZ1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-496-1 | H-1 (0-6") | 118 | 99 | |
| 880-496-2 | H-2 (0-6") | 112 | 98 | |
| 880-496-3 | H-3 (0-6") | 110 | 102 | |
| MB 880-807/5-A | Method Blank | 102 | 95 | |
| MB 880-881/5-A | Method Blank | 102 | 95 | |
| Surrogate Legend | | | | |

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

| | | | Percent Sur | rrogate Recovery (Acceptance Limits) |
|------------------|------------------------|----------|-------------|--------------------------------------|
| | | 1CO1 | OTPH1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-496-1 | H-1 (0-6") | 103 | 102 | |
| 880-496-2 | H-2 (0-6") | 99 | 97 | |
| 880-496-3 | H-3 (0-6") | 108 | 102 | |
| LCS 880-615/2-A | Lab Control Sample | 142 S1+ | 127 | |
| LCSD 880-615/3-A | Lab Control Sample Dup | 136 S1+ | 124 | |
| MB 880-615/1-A | Method Blank | 106 | 103 | |

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Eurofins Xenco, Midland

Released to Imaging: 11/16/2021 3:23:20 PM

Client: NT Global Job ID: 880-496-1 Project/Site: EOG - Zinnia Fed #1 2RP-759

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-807/5-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Total/NA Analysis Batch: 826** Prep Batch: 807

| | MB | MB | | | | | | | |
|---------------------|-----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| m-Xylene & p-Xylene | < 0.00400 | U | 0.00400 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| | | | | | | | | | |

| | MB MB | | | | |
|-----------------------------|---------------------|----------|----------------|----------------|---------|
| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 102 | 70 - 130 | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | 70 - 130 | 03/24/21 12:52 | 03/25/21 15:56 | 1 |

Lab Sample ID: MB 880-881/5-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Total/NA** Prep Batch: 881 **Analysis Batch: 826** MD MD

| | IVID I | IVID | | | | | | | |
|---------------------|------------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result (| Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 U | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| Ethylbenzene | <0.00200 l | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| Toluene | <0.00200 l | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| Total BTEX | <0.00200 l | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| Xylenes, Total | <0.00400 l | U | 0.00400 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| m-Xylene & p-Xylene | <0.00400 l | U | 0.00400 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| o-Xylene | <0.00200 l | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| | | | | | | | | | |

| | MB MB | | | | |
|-----------------------------|---------------------|----------|----------------|----------------|---------|
| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 102 | 70 - 130 | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | 70 - 130 | 03/25/21 17:53 | 03/26/21 02:37 | 1 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-615/1-A **Client Sample ID: Method Blank** Matrix: Solid Prep Type: Total/NA **Analysis Batch: 617** Prep Batch: 615

| | MB | MB | | | | | | | |
|---|---------------|-----------|--------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| | MB | MB | | | | | | | |
| Currente | 9/ Daggy (97) | Ovelifier | Limita | | | | Dramarad | Analyzad | Dil Faa |

| Surrogate | %Recovery | Qualifier | Limits | Prepared Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|-------------------------------|---------|
| 1-Chlorooctane | 106 | | 70 - 130 | 03/19/21 14:53 03/20/21 01:46 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | 03/19/21 14:53 03/20/21 01:46 | 1 |

Client: NT Global Job ID: 880-496-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-615/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid Analysis Batch: 617

Prep Type: Total/NA Prep Batch: 615

| | Spike | LCS | LCS | | | | %Rec. | |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Gasoline Range Organics | 1000 | 1324 | *+ | mg/Kg | | 132 | 70 - 130 | |
| (GRO)-C6-C10 | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 1195 | | mg/Kg | | 120 | 70 - 130 | |
| C10-C28) | | | | | | | | |

| | LCS | LCS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 142 | S1+ | 70 - 130 |
| o-Terphenyl | 127 | | 70 - 130 |

Lab Sample ID: LCSD 880-615/3-A **Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Total/NA**

Analysis Batch: 617

| , | | | | | | | | | |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| _ | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | 1000 | 1320 | *+ | mg/Kg | | 132 | 70 - 130 | 0 | 20 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 1146 | | mg/Kg | | 115 | 70 - 130 | 4 | 20 |
| C10-C28) | | | | | | | | | |

LCSD LCSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 136 S1+ 70 - 130 o-Terphenyl 124 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-608/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 609

MB MB

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 03/20/21 15:18 | 1 |

Lab Sample ID: LCS 880-608/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 609

LCS LCS Spike %Rec. Analyte Added Result Qualifier Unit D %Rec Limits

Chloride 250 252.8 mg/Kg 101 90 - 110 Lab Sample ID: LCSD 880-608/3-A Client Sample ID: Lab Control Sample Dup

Analysis Batch: 609

Matrix: Solid

| | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Chloride | 250 | 253.0 | | mg/Kg | | 101 | 90 - 110 | 0 | 20 |

Eurofins Xenco, Midland

Prep Type: Soluble

Prep Batch: 615

Client: NT Global Job ID: 880-496-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

GC VOA

Prep Batch: 807

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|------------------|-----------|--------|--------|------------|
| MB 880-807/5-A | Method Blank | Total/NA | Solid | 5035 | |

Analysis Batch: 826

| Lab Sample ID 880-496-1 | Client Sample ID H-1 (0-6") | Prep Type Total/NA | Matrix Solid | Method 8021B | Prep Batch 881 |
|----------------------------|-----------------------------|--------------------|--------------|-----------------|----------------|
| 880-496-2 | H-2 (0-6") | Total/NA | Solid | 8021B | 881 |
| 880-496-3 | H-3 (0-6") | Total/NA | Solid | 8021B | 881 |
| MB 880-807/5-A | Method Blank | Total/NA | Solid | 8021B | 807 |
| MB 880-881/5-A | Method Blank | Total/NA | Solid | 8021B | 881 |

Prep Batch: 881

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|------------------|-----------|--------|--------|------------|
| 880-496-1 | H-1 (0-6") | Total/NA | Solid | 5035 | |
| 880-496-2 | H-2 (0-6") | Total/NA | Solid | 5035 | |
| 880-496-3 | H-3 (0-6") | Total/NA | Solid | 5035 | |
| MB 880-881/5-A | Method Blank | Total/NA | Solid | 5035 | |

GC Semi VOA

Prep Batch: 615

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|-------------|------------|
| 880-496-1 | H-1 (0-6") | Total/NA | Solid | 8015NM Prep | |
| 880-496-2 | H-2 (0-6") | Total/NA | Solid | 8015NM Prep | |
| 880-496-3 | H-3 (0-6") | Total/NA | Solid | 8015NM Prep | |
| MB 880-615/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-615/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-615/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 617

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|----------|------------|
| 880-496-1 | H-1 (0-6") | Total/NA | Solid | 8015B NM | 615 |
| 880-496-2 | H-2 (0-6") | Total/NA | Solid | 8015B NM | 615 |
| 880-496-3 | H-3 (0-6") | Total/NA | Solid | 8015B NM | 615 |
| MB 880-615/1-A | Method Blank | Total/NA | Solid | 8015B NM | 615 |
| LCS 880-615/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 615 |
| LCSD 880-615/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 615 |

HPLC/IC

Leach Batch: 608

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|----------|------------|
| 880-496-1 | H-1 (0-6") | Soluble | Solid | DI Leach | |
| 880-496-2 | H-2 (0-6") | Soluble | Solid | DI Leach | |
| 880-496-3 | H-3 (0-6") | Soluble | Solid | DI Leach | |
| MB 880-608/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-608/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-608/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Analysis Batch: 609

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-496-1 | H-1 (0-6") | Soluble | Solid | 300.0 | 608 |
| 880-496-2 | H-2 (0-6") | Soluble | Solid | 300.0 | 608 |

Eurofins Xenco, Midland

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Client: NT Global Job ID: 880-496-1
Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 609 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 880-496-3 | H-3 (0-6") | Soluble | Solid | 300.0 | 608 |
| MB 880-608/1-A | Method Blank | Soluble | Solid | 300.0 | 608 |
| LCS 880-608/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 608 |
| LCSD 880-608/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 608 |

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Client: NT Global

Project/Site: EOG - Zinnia Fed #1 2RP-759

SDG: Eddy County NM

Job ID: 880-496-1

Client Sample ID: H-1 (0-6")

Date Collected: 03/16/21 00:00 Date Received: 03/19/21 11:23

Lab Sample ID: 880-496-1

Matrix: Solid

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 881 | 03/25/21 17:53 | MR | XM |
| Total/NA | Analysis | 8021B | | 1 | 826 | 03/26/21 07:25 | MR | XM |
| Total/NA | Prep | 8015NM Prep | | | 615 | 03/19/21 14:53 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 617 | 03/20/21 06:19 | AM | XM |
| Soluble | Leach | DI Leach | | | 608 | 03/19/21 12:37 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 609 | 03/20/21 17:47 | CH | XM |

Client Sample ID: H-2 (0-6")

Date Collected: 03/16/21 00:00

Date Received: 03/19/21 11:23

Lab Sample ID: 880-496-2

Matrix: Solid

Batch Batch Dilution Batch **Prepared** Method **Prep Type** Type Run **Factor** Number or Analyzed Analyst Lab Total/NA Prep 5035 03/25/21 17:53 MR XM Total/NA 8021B XM 826 03/26/21 07:45 MR Analysis 1 Total/NA Prep 8015NM Prep 615 03/19/21 14:53 AJ XM Total/NA 8015B NM Analysis 617 03/20/21 06:40 AM XM 1 Soluble Leach DI Leach 608 03/19/21 12:37 CH ΧM Soluble Analysis 300.0 5 609 03/20/21 17:52 CH XM

Client Sample ID: H-3 (0-6")

Date Collected: 03/16/21 00:00

Date Received: 03/19/21 11:23

Lab Sample ID: 880-496-3

Matrix: Solid

| _ | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 881 | 03/25/21 17:53 | MR | XM |
| Total/NA | Analysis | 8021B | | 1 | 826 | 03/26/21 08:06 | MR | XM |
| Total/NA | Prep | 8015NM Prep | | | 615 | 03/19/21 14:53 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 617 | 03/20/21 07:23 | AM | XM |
| Soluble | Leach | DI Leach | | | 608 | 03/19/21 12:37 | CH | XM |
| Soluble | Analysis | 300.0 | | 5 | 609 | 03/20/21 17:58 | CH | XM |

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global Job ID: 880-496-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority Texas | | ogram ELAP | Identification Number T104704400-20-21 | Expiration Date 06-30-21 |
|-----------------------|-----------------------------|-----------------------------|---|--------------------------------------|
| The following analyte | s are included in this repo | rt but the laboratory is r | not certified by the governing authority. | This list may include analytes for y |
| • • • | • | it, but the laberatory le i | not beruned by the governing duthonty. | This list may include analytes for t |
| the agency does not a | • | Matrix | Analyte | This list may include analytes for t |
| the agency does not | offer certification. | • | , , , | This list may include analytes for t |

Method Summary

Client: NT Global

Project/Site: EOG - Zinnia Fed #1 2RP-759

Job ID: 880-496-1

SDG: Eddy County NM

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| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | XM |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | XM |
| 300.0 | Anions, Ion Chromatography | MCAWW | XM |
| 5035 | Closed System Purge and Trap | SW846 | XM |
| 8015NM Prep | Microextraction | SW846 | XM |
| DI Leach | Deionized Water Leaching Procedure | ASTM | XM |

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global

Project/Site: EOG - Zinnia Fed #1 2RP-759

Job ID: 880-496-1

SDG: Eddy County NM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-496-1 | H-1 (0-6") | Solid | 03/16/21 00:00 | 03/19/21 11:23 |
| 880-496-2 | H-2 (0-6") | Solid | 03/16/21 00:00 | 03/19/21 11:23 |
| 880-496-3 | H-3 (0-6") | Solid | 03/16/21 00:00 | 03/19/21 11:23 |

Gair of Custody

Work Order No:

880-496 COC

Project Manager

| Project Manager | Mike Carmona | | | | Bill to: (if different) | | Jame | James Kennedy | iedy | | | | | | and the department of | | Wor | Ord | Work Order Comments | nmeni | Ā | | Control of the Control | |
|--|-----------------------|-----------------------------------|---------------------------------|-------------------------|---|---------------|------------------------|-----------------------|-------------------|-------------------------|------------------------------|----------------|----------|----------------------------------|-----------------------|--------------------------|------------------------|----------|---------------------|----------|-------------------------|-----------|---|------------|
| Company Name | NTG Environmental | ental | | | Company Name | e. | EOG | EOG Resources | rces | | | | | Program: UST/PST PRP Prownfields | n: US: | I/PST | | Ţ | wofiel | | 786 | | horfund | - I |
| Address. | 701 Tradewinds BLVD | s BLVD | | | Address | | 5509 | Cham | 5509 Champions Dr | 7 | | | | State of Project. | f Proje | <u>:</u> | [| [| | | , | [| | - |
| City, State ZIP | Midland, TX 79706 |)706 | | | City, State ZIP | | Midla | Midland Tx 79706 | 79706 | | | | ᆜ | Reporting Level II Level III | ng Lev | | Level | | ∏st/ust | | RRP | | □Level IV □ | Ш |
| Phone. | 432-813-0263 | | | Email. | James Kennedy@eogresources | edy@eogr | resour | ces | | | | | ᆜ | Deliverables | | EDD | | A | ADaPT 🗆 | | Other | | | |
| Project Name. | Zinnia Fe | Zınnıa Fed #1 2RP-759 | 59 | Turn | Turn Around | | | | | | A N | ALYSIS REQUEST | RFO | EST | | | | | | 0 | | | } | |
| Project Number | | 214052 | | Routine | √ Rush | Pres. | | | | _ | | | | | | _ | _ | \dashv | 2 | None NO | NO DIWater I | 2 6 | | ا ر |
| Project Location | Eddy | Eddy County, NM | | Due Date | 72HR | | | | | 4 | 1 | | \perp | 4 | 4 | \dashv | 4 | + | 3 3 | | <u>.</u> ' | | Manual 120 | (|
| Sampler's Name | | CM | | TAT starts the | TAT starts the day received by the | क | 22-02-02-0 | RO) | | | | | | | | | | | 5 8 | HO HO | 2 | HNO HN | | |
| PO#: | | | | lab if recei | lab if received by 4 30pm | | | + M | | | | | | | | | | | Ξ. | איצטי אי | | NaOH Na | | |
| SAMPLE RECEIPT | | Temp Blank. | Yes No | Wet Ice: | Yes) No | eter | В | DRO | 00 | | | | | | | | | | Ţ, | dH 'Od'H | ָר ס | 9 | \$ | |
| Received Intact: | Yes | s No | Thermometer ID. | ter ID. | 1 C.V | ram | 8021 |) + C | ⊕ 30 | | | | | | | | | | | L CSH | NaHSO, NARIS | | | |
| Cooler Custody Seals | Yes | N/A | Correction Factor | Factor | O'S | Pa | EX | GR | ordi | | | | | | | | | | HOL | | Naso. | | | |
| Sample Custody Seals | Yes | No N/A | Temperatu | Temperature Reading | U U | | вт | 5M (| Chi | | | | | | | | | | | Acetat | Zn Acetate+NaOH Zn | H 7n | | |
| Total Containers. | | | Corrected | Corrected Temperature. | 250 | L | ************ | 801 | | | | | | | | | | | Z ! | OH+A: | NaOH+Ascorbic Acid SAPC | Acid S | APC | |
| Sample Identification | Uffication | Date | Time | Soil | Water Grab/ | p Cont | | TPH | | | | | ···· | | | | | | 1 | San | Sample Comments | Om | ints | |
| H-1(0-6") | 6") | 3/16/2021 | - | × | 6 | 1 | × | × | × | | - | | | 4 | _ | - | _ | - | - | Ì | | | | |
| H-2(0-6") | 6") | 3/16/2021 | , | × | 9 | 1 | × | × | × | | | | | | | | 4 | - | - | | | | | |
| H-3(0-6") | 6") | 3/16/2021 | ı | × | G | 1 | × | × | × | | | | | | | | _ | | | | | | | |
| | | | | | | | | | | | | | | | | \sqcup | $\left \cdot \right $ | | | | | | | |
| | | | | | | | | | | - | | | _ | _ | _ | - | - | + | - | | | | | |
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| Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions | ocument and relinqu | ishment of samp | oles constitut | s a valid purchas | se order from client | company to | Xenco, i | ts affiliat | es and s | ubcontract | ors. It as | igns star | dard ter | ms and | conditio | ₹ | | | | | | | | _ |
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Page 17 of 18

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global Job Number: 880-496-1 SDG Number: Eddy County NM

List Source: Eurofins Midland

Login Number: 496 List Number: 1

Creator: Teel, Brianna

| Question | Answer | Comment |
|--|--------|---------|
| The cooler's custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is | N/A | |

Eurofins Midland

Released to Imaging: 11/16/2021 3:23:20 PM

<6mm (1/4").

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Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-497-1

Laboratory Sample Delivery Group: Eddy County NM Client Project/Site: EOG - Zinnia Fed #1 2RP-759

For:

NT Global 701 Tradewinds Blvd Midland, Texas 79706

Attn: Mike Carmona

MAMER

Authorized for release by: 3/26/2021 12:48:12 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

Review your project results through

Have a Question?



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Released to Imaging: 11/16/2021 3:23:20 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: NT Global Laboratory Job ID: 880-497-1
Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

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Definitions/Glossary

Client: NT Global Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description** LCS and/or LCSD is outside acceptance limits, high biased. S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Duplicate Error Ratio (normalized absolute difference)

Glossarv

DER

| Oloudai y | |
|--------------|--|
| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| | |

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE) MCL

EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) **RER**

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: NT Global

Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Job ID: 880-497-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-497-1

Receipt

The samples were received on 3/19/2021 11:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: NT Global Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Client Sample ID: S-1 (0-1) Lab Sample ID: 880-497-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|------|-----|-------|---------|---|----------|-----------|
| Diesel Range Organics (Over | 153 | | 49.9 | | mg/Kg | 1 | _ | 8015B NM | Total/NA |
| C10-C28) | | | | | | | | | |
| Total TPH | 153 | | 49.9 | | mg/Kg | 1 | | 8015B NM | Total/NA |
| Chloride | 258 | | 50.0 | | ma/Ka | 10 | | 300.0 | Soluble |

Client Sample ID: S-1 (1'-1.5') Lab Sample ID: 880-497-2

| Analyte | Result Qualifier | RL | MDL Unit | Dil Fac D | Method | Prep Type |
|----------|------------------|------|----------|-----------|--------|-----------|
| Chloride | 362 | 25.2 | mg/Kg | 5 | 300.0 | Soluble |

Lab Sample ID: 880-497-3 Client Sample ID: S-2 (0-1)

| Analyte | Result Qualifier | RL | MDL Unit | Dil Fac [|) Method | Prep Type |
|-----------------------------|------------------|------|----------|-----------|----------|-----------|
| Diesel Range Organics (Over | 348 | 50.1 | mg/Kg | | 8015B NM | Total/NA |
| C10-C28) | | | | | | |
| Total TPH | 348 | 50.1 | mg/Kg | 1 | 8015B NM | Total/NA |
| Chloride | 691 | 50.2 | mg/Kg | 10 | 300.0 | Soluble |

Client Sample ID: S-2 (1'-1.5) Lab Sample ID: 880-497-4

| Analyte | Result | Qualifier | RL | MDL Unit | Dil Fac I |) Method | Prep Type |
|----------|--------|-----------|------|----------|-----------|----------|-----------|
| Chloride | 679 | | 50.0 | mg/Kg | 10 | 300.0 | Soluble |

This Detection Summary does not include radiochemical test results.

Client: NT Global Project/Site: EOG - Zinnia Fed #1 2RP-759

Job ID: 880-497-1

SDG: Eddy County NM

Client Sample ID: S-1 (0-1)

Lab Sample ID: 880-497-1

Date Collected: 03/16/21 00:00 **Matrix: Solid** Date Received: 03/19/21 11:23

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |
| Xylenes, Total | < 0.00399 | U | 0.00399 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |
| m-Xylene & p-Xylene | < 0.00399 | U | 0.00399 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 08:26 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U *+ | 49.9 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 04:55 | 1 |
| Diesel Range Organics (Over C10-C28) | 153 | | 49.9 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 04:55 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 04:55 | 1 |
| Total TPH | 153 | | 49.9 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 04:55 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 98 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 04:55 | 1 |
| o-Terphenyl | 96 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 04:55 | 1 |

| Method: 300.0 - Anions, Ion C | hromatography - Solul | ble | | | | | |
|-------------------------------|-----------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 258 | 50.0 | mg/Kg | | | 03/20/21 18:03 | 10 |

Lab Sample ID: 880-497-2 **Client Sample ID: S-1 (1'-1.5')** Date Collected: 03/16/21 00:00 **Matrix: Solid** Date Received: 03/19/21 11:23

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| Total BTEX | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 113 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 08:47 | 1 |
| Method: 8015B NM - Diese | l Range Organ | ics (DRO) | (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U *+ | 49.8 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:16 | 1 |

Eurofins Xenco, Midland

(GRO)-C6-C10

Client: NT Global Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Client Sample ID: S-1 (1'-1.5')

Lab Sample ID: 880-497-2

Matrix: Solid

Date Collected: 03/16/21 00:00 Date Received: 03/19/21 11:23

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:16 | 1 |
| Oll Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:16 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 102 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 05:16 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 05:16 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RL MDL Unit D Prepared Analyzed Dil Fac Chloride 25.2 mg/Kg 03/22/21 15:52 362

Client Sample ID: S-2 (0-1) Lab Sample ID: 880-497-3 Date Collected: 03/16/21 00:00

Date Received: 03/19/21 11:23

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:07 | 1 |
| Ethylbenzene | < 0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:07 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:07 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:07 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:07 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:07 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:07 | 1 |

| | Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | 4-Bromofluorobenzene (Surr) | 108 | · | 70 - 130 | 03/25/21 17:53 | 03/26/21 09:07 | 1 |
| l | 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | 03/25/21 17:53 | 03/26/21 09:07 | 1 |

| 1 | Method: | 8015B | NM - | Diesel | Range | Orga | ani | CS | (DRO) | (GC) | |
|---|---------|-------|------|---------------|-------|------|-----|----|-------|------|--|
| | | | | | | _ | | _ | | | |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U *+ | 50.1 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:37 | 1 |
| Diesel Range Organics (Over C10-C28) | 348 | | 50.1 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:37 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:37 | 1 |
| Total TPH | 348 | | 50.1 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:37 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 103 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 05:37 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 05:37 | 1 |

| Method: 300.0 - Anions, Ion Cl | nromatography - Solul | ble | | | | | |
|--------------------------------|-----------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 691 | 50.2 | mg/Kg | | | 03/22/21 15:58 | 10 |

Eurofins Xenco, Midland

3/26/2021

Client Sample Results

Client: NT Global Job ID: 880-497-1
Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Client Sample ID: S-2 (1'-1.5)

Date Collected: 03/16/21 00:00 Date Received: 03/19/21 11:23 Lab Sample ID: 880-497-4

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |
| Xylenes, Total | < 0.00399 | U | 0.00399 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |
| m-Xylene & p-Xylene | < 0.00399 | U | 0.00399 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 114 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | | | | 03/25/21 17:53 | 03/26/21 09:28 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics | <50.0 | U *+ | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:58 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:58 | 1 |
| C10-C28) | | | | | | | | | |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:58 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 05:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 102 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 05:58 | 1 |
| o-Terphenyl | 100 | | 70 - 130 | | | | 03/19/21 14:53 | 03/20/21 05:58 | 1 |

| Method: 300.0 - Anions, Ion Chi | romatogra | phy - Solub | ole | | | | | | |
|---------------------------------|-----------|-------------|------|-------|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL U | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 679 | | 50.0 | n | ng/Kg | | | 03/23/21 19:07 | 10 |

Surrogate Summary

Client: NT Global Job ID: 880-497-1
Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

| | | BFB1 | DFBZ1 | |
|------------------|------------------------|----------|----------|--|
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-497-1 | S-1 (0-1) | 113 | 103 | |
| 880-497-1 MS | S-1 (0-1) | 91 | 103 | |
| 880-497-1 MSD | S-1 (0-1) | 94 | 102 | |
| 880-497-2 | S-1 (1'-1.5') | 113 | 102 | |
| 880-497-3 | S-2 (0-1) | 108 | 100 | |
| 880-497-4 | S-2 (1'-1.5) | 114 | 102 | |
| LCS 880-884/1-A | Lab Control Sample | 89 | 103 | |
| LCSD 880-884/2-A | Lab Control Sample Dup | 91 | 104 | |
| MB 880-807/5-A | Method Blank | 102 | 95 | |
| MB 880-808/5-A | Method Blank | 114 | 87 | |
| MB 880-881/5-A | Method Blank | 102 | 95 | |
| MB 880-884/5-A | Method Blank | 101 | 95 | |

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

| | | | Percent | Surrogate Recovery (Acceptance Limits) |
|------------------|------------------------|----------|----------|--|
| | | 1CO1 | OTPH1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-497-1 | S-1 (0-1) | 98 | 96 | |
| 880-497-2 | S-1 (1'-1.5') | 102 | 99 | |
| 880-497-3 | S-2 (0-1) | 103 | 99 | |
| 880-497-4 | S-2 (1'-1.5) | 102 | 100 | |
| LCS 880-615/2-A | Lab Control Sample | 142 S1+ | 127 | |
| LCSD 880-615/3-A | Lab Control Sample Dup | 136 S1+ | 124 | |
| MB 880-615/1-A | Method Blank | 106 | 103 | |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Client: NT Global Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-807/5-A

Matrix: Solid

Analysis Batch: 826

| Client Sample ID: Method Blank |
|---------------------------------------|
| Prep Type: Total/NA |
| Prop Ratch: 807 |

| | IVID | IVID | | | | | | | |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| | | | | | | | | | |

MB MB

MD MD

MD MD

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | 03/24/21 12:52 | 03/25/21 15:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | 03/24/21 12:52 | 03/25/21 15:56 | 1 |

Lab Sample ID: MB 880-808/5-A

Matrix: Solid

Analysis Batch: 827

Client Sample ID: Method Blank **Prep Type: Total/NA**

Prep Batch: 808

| | IVID IVID | | | | | | |
|---------------------|------------------|---------|----------|---|----------------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 U | 0.00200 | mg/Kg | | 03/24/21 13:30 | 03/25/21 19:56 | 1 |
| Ethylbenzene | <0.00200 U | 0.00200 | mg/Kg | | 03/24/21 13:30 | 03/25/21 19:56 | 1 |
| Toluene | <0.00200 U | 0.00200 | mg/Kg | | 03/24/21 13:30 | 03/25/21 19:56 | 1 |
| Total BTEX | <0.00200 U | 0.00200 | mg/Kg | | 03/24/21 13:30 | 03/25/21 19:56 | 1 |
| Xylenes, Total | <0.00400 U | 0.00400 | mg/Kg | | 03/24/21 13:30 | 03/25/21 19:56 | 1 |
| m-Xylene & p-Xylene | <0.00400 U | 0.00400 | mg/Kg | | 03/24/21 13:30 | 03/25/21 19:56 | 1 |
| o-Xylene | <0.00200 U | 0.00200 | mg/Kg | | 03/24/21 13:30 | 03/25/21 19:56 | 1 |
| | | | | | | | |

MB MB

| Surrogate | %Recovery | Qualifier | Limits | Prepared Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------------------------------|---------|
| 4-Bromofluorobenzene (Surr) | 114 | | 70 - 130 | 03/24/21 13:30 03/25/21 19:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 87 | | 70 - 130 | 03/24/21 13:30 03/25/21 19:56 | 1 |

Lab Sample ID: MB 880-881/5-A

Matrix: Solid

Analysis Batch: 826

| Client Sample ID: Method Blank |
|--------------------------------|
| Prep Type: Total/NA |
| Drop Databy 004 |

Prep Batch: 881

| | MB | MB | | | | | | | |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| | | | | | | | | | |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | 03/25/21 17:53 | 03/26/21 02:37 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | 03/25/21 17:53 | 03/26/21 02:37 | 1 |

Client: NT Global

Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-884/5-A

Matrix: Solid

Analysis Batch: 827

| Client San | iple II | D: I | Meth | od l | Blan | k |
|------------|---------|------|------|------|------|---|
| | Dro | n T | wno: | Tot | al/N | ۸ |

Prep Batch: 884

| | IVID | IVID | | | | | | | |
|---------------------|-----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 18:49 | 03/26/21 06:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 18:49 | 03/26/21 06:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 18:49 | 03/26/21 06:57 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 18:49 | 03/26/21 06:57 | 1 |
| Xylenes, Total | < 0.00400 | U | 0.00400 | | mg/Kg | | 03/25/21 18:49 | 03/26/21 06:57 | 1 |
| m-Xylene & p-Xylene | < 0.00400 | U | 0.00400 | | mg/Kg | | 03/25/21 18:49 | 03/26/21 06:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 03/25/21 18:49 | 03/26/21 06:57 | 1 |
| | | | | | | | | | |

MB MB

MD MD

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | 03/25/21 18:49 | 03/26/21 06:57 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | 03/25/21 18:49 | 03/26/21 06:57 | 1 |

Lab Sample ID: LCS 880-884/1-A

Matrix: Solid

Analysis Batch: 827

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 884

| | Spike | LCS | LCS | | | | %Rec. | |
|---------------------|-------|---------|-----------|-------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 0.100 | 0.1059 | | mg/Kg | _ | 106 | 70 - 130 | |
| Ethylbenzene | 0.100 | 0.09799 | | mg/Kg | | 98 | 70 - 130 | |
| Toluene | 0.100 | 0.1042 | | mg/Kg | | 104 | 70 - 130 | |
| m-Xylene & p-Xylene | 0.200 | 0.1957 | | mg/Kg | | 98 | 70 - 130 | |
| o-Xylene | 0.100 | 0.09889 | | mg/Kg | | 99 | 70 - 130 | |
| | | | | | | | | |

LCS LCS

| Surrogate | %Recovery | Qualifier | Limits |
|-----------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 |
| 1 4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

Lab Sample ID: LCSD 880-884/2-A

Matrix: Solid

Analysis Batch: 827

| Client | Sample | ID: | Lab | Contro | I Samp | le Dup |
|--------|--------|-----|-----|--------|--------|---------|
| | | | | | | C-T/NTA |

Prep Type: Total/NA

Prep Batch: 884

| _ | Spike | LCSD LCSD | | | %Rec. | | RPD |
|---------------------|-------|------------------|--------|------|----------|-----|-------|
| Analyte | Added | Result Qualifier | Unit D | %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.1085 | mg/Kg | 108 | 70 - 130 | 2 | 35 |
| Ethylbenzene | 0.100 | 0.1031 | mg/Kg | 103 | 70 - 130 | 5 | 35 |
| Toluene | 0.100 | 0.1073 | mg/Kg | 107 | 70 - 130 | 3 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2031 | mg/Kg | 102 | 70 - 130 | 4 | 35 |
| o-Xylene | 0.100 | 0.1012 | mg/Kg | 101 | 70 - 130 | 2 | 35 |

LCSD LCSD

| Surrogate | %Recovery Qualifie | r Limits |
|-----------------------------|--------------------|----------|
| 4-Bromofluorobenzene (Surr) | 91 | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 104 | 70 - 130 |

Lab Sample ID: 880-497-1 MS

Matrix: Solid

Analysis Batch: 827

Client Sample ID: S-1 (0-1) Prep Type: Total/NA Prep Batch: 884

| - | Sample | Sample | Spike | MS | MS | | | | %Rec. | |
|---------|----------|-----------|--------|---------|-----------|-------|---|------|----------|--|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | <0.00198 | U | 0.0990 | 0.08551 | | mg/Kg | | 85 | 70 - 130 | |

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Client: NT Global

Project/Site: EOG - Zinnia Fed #1 2RP-759

Job ID: 880-497-1

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-497-1 MS Client Sample ID: S-1 (0-1)

Matrix: Solid

Analysis Batch: 827

Prep Type: Total/NA Prep Batch: 884 Spike MS MS %Rec Sample Sample

| | Campie | Campie | Opike | 1410 | IVIO | | | | /ortec. | |
|---------------------|-----------|-----------|--------|---------|-----------|-------|---|------|----------|--|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Ethylbenzene | <0.00198 | U | 0.0990 | 0.07548 | | mg/Kg | | 76 | 70 - 130 | |
| Toluene | <0.00198 | U | 0.0990 | 0.08230 | | mg/Kg | | 83 | 70 - 130 | |
| m-Xylene & p-Xylene | < 0.00397 | U | 0.198 | 0.1575 | | mg/Kg | | 80 | 70 - 130 | |
| o-Xylene | <0.00198 | U | 0.0990 | 0.07483 | | mg/Kg | | 76 | 70 - 130 | |
| | | | | | | | | | | |

MS MS

| Surrogate | %Recovery | Qualifier | Limits |
|-----------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

Lab Sample ID: 880-497-1 MSD Client Sample ID: S-1 (0-1) Prep Type: Total/NA

Matrix: Solid

| Analysis Batch: 827 | | | | | | | | | Pre | Batch | : 884 | |
|---------------------|-----------|-----------|-------|---------|-----------|-------|---|------|----------|-------|-------|--|
| - | Sample | Sample | Spike | MSD | MSD | | | | %Rec. | | RPD | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit | |
| Benzene | <0.00198 | U | 0.100 | 0.08419 | | mg/Kg | | 83 | 70 - 130 | 2 | 35 | |
| Ethylbenzene | <0.00198 | U | 0.100 | 0.07997 | | mg/Kg | | 80 | 70 - 130 | 6 | 35 | |
| Toluene | <0.00198 | U | 0.100 | 0.08718 | | mg/Kg | | 87 | 70 - 130 | 6 | 35 | |
| m-Xylene & p-Xylene | <0.00397 | U | 0.200 | 0.1606 | | mg/Kg | | 80 | 70 - 130 | 2 | 35 | |
| o-Xylene | < 0.00198 | U | 0.100 | 0.07895 | | mg/Kg | | 79 | 70 - 130 | 5 | 35 | |

MSD MSD

| Surrogate | %Recovery Qu | ialifier Limits |
|-----------------------------|--------------|-----------------|
| 4-Bromofluorobenzene (Surr) | 94 | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 102 | 70 - 130 |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-615/1-A **Client Sample ID: Method Blank Matrix: Solid** Prep Type: Total/NA Prep Batch: 615

Analysis Batch: 617

MB MB

| ı | | | | | | | | | | |
|---|---|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| | Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| | Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| | Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| | | | | | | | | | | |

MB MB

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 106 | | 70 - 130 | 03/19/21 14:53 | 03/20/21 01:46 | 1 |
| o-Terphenyl | 103 | | 70 - 130 | 03/19/21 14:53 | 03/20/21 01:46 | 1 |

Lab Sample ID: LCS 880-615/2-A

Matrix: Solid

Analysis Batch: 617

Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 615

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits 1000 1324 *+ Gasoline Range Organics mg/Kg 132 70 - 130

(GRO)-C6-C10

Eurofins Xenco, Midland

Released to Imaging: 11/16/2021 3:23:20 PM

Client: NT Global Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-615/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 617** Prep Batch: 615

LCS LCS Spike %Rec. Added Result Qualifier Unit %Rec Limits Diesel Range Organics (Over 1000 1195 mg/Kg 120 70 - 130

C10-C28)

| | LCS | LCS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 142 | S1+ | 70 - 130 |
| o-Terphenyl | 127 | | 70 - 130 |

Lab Sample ID: LCSD 880-615/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 617** Prep Batch: 615 LCSD LCSD RPD Spike %Rec. Result Qualifier RPD Limit **Analyte** Added Unit %Rec Limits Gasoline Range Organics 1000 1320 132 70 - 130 0 20 mg/Kg (GRO)-C6-C10

1146

mg/Kg

115

70 - 130

4

1000

70 - 130

C10-C28) LCSD LCSD Limits Surrogate %Recovery Qualifier 136 S1+ 1-Chlorooctane 70 - 130

124

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-608/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 609

o-Terphenyl

Diesel Range Organics (Over

MB MB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <5.00 U 5.00 03/20/21 15:18 Chloride mg/Kg

Lab Sample ID: LCS 880-608/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 609

Spike LCS LCS %Rec. Analyte Added Result Qualifier %Rec Unit Limits Chloride 250 mg/Kg 101 90 - 110 252.8

Lab Sample ID: LCSD 880-608/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 609

LCSD LCSD RPD Spike %Rec. Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 250 Chloride 253.0 101 90 - 110 n mg/Kg

Lab Sample ID: MB 880-645/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 695

MB MB Result Qualifier RI **MDL** Unit Dil Fac **Analyte** D Prepared Analyzed 5.00 03/22/21 13:27 Chloride <5.00 U mg/Kg

Eurofins Xenco, Midland

Client: NT Global

Job ID: 880-497-1

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

SDG: Eddy County NM

Prep Type: Soluble

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-645/2-A

Project/Site: EOG - Zinnia Fed #1 2RP-759

Matrix: Solid

| Analysis Batch: 695 | | | | | | | | |
|---------------------|-------|--------|-----------|-------|---|------|----------|--|
| | Spike | LCS | LCS | | | | %Rec. | |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Chloride | 250 | 248.2 | | ma/Ka | | 99 | 90 - 110 | |

Lab Sample ID: LCSD 880-645/3-A **Matrix: Solid**

Analysis Batch: 695

| | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Chloride | 250 | 244.7 | | mg/Kg | _ | 98 | 90 - 110 | 1 | 20 |

Lab Sample ID: MB 880-746/1-A **Matrix: Solid**

Analysis Batch: 769

| | INIB | MR | | | | | | | |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 03/23/21 16:21 | 1 |

Lab Sample ID: LCS 880-746/2-A

Matrix: Solid

Analysis Batch: 769

| | Spike | LCS LCS | | | | %Rec. |
|----------|----------|----------------|-------|---|------|----------|
| Analyte | Added Re | sult Qualifier | Unit | D | %Rec | Limits |
| Chloride | 250 2 | 64.2 | mg/Kg | | 106 | 90 - 110 |

Lab Sample ID: LCSD 880-746/3-A Matrix: Solid

Analysis Batch: 769

| | | Spike | LCSD | LCSD | | | | %Rec. | | RPD | |
|----------|---|-------|--------|-----------|-------|---|------|----------|-----|-------|--|
| Analyte | A | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit | |
| Chloride | | 250 | 263.5 | | mg/Kg | | 105 | 90 - 110 | 0 | 20 | |

Client: NT Global Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

GC VOA

| Prep Batch: 807 |
|-----------------|
|-----------------|

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|------------------|-----------|--------|--------|------------|
| MB 880-807/5-A | Method Blank | Total/NA | Solid | 5035 | |

Prep Batch: 808

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|------------------|-----------|--------|--------|------------|
| MB 880-808/5-A | Method Blank | Total/NA | Solid | 5035 | |

Analysis Batch: 826

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|------------------|-----------|--------|--------|------------|
| 880-497-1 | S-1 (0-1) | Total/NA | Solid | 8021B | 881 |
| 880-497-2 | S-1 (1'-1.5') | Total/NA | Solid | 8021B | 881 |
| 880-497-3 | S-2 (0-1) | Total/NA | Solid | 8021B | 881 |
| 880-497-4 | S-2 (1'-1.5) | Total/NA | Solid | 8021B | 881 |
| MB 880-807/5-A | Method Blank | Total/NA | Solid | 8021B | 807 |
| MB 880-881/5-A | Method Blank | Total/NA | Solid | 8021B | 881 |

Analysis Batch: 827

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| MB 880-808/5-A | Method Blank | Total/NA | Solid | 8021B | 808 |
| MB 880-884/5-A | Method Blank | Total/NA | Solid | 8021B | 884 |
| LCS 880-884/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 884 |
| LCSD 880-884/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 884 |
| 880-497-1 MS | S-1 (0-1) | Total/NA | Solid | 8021B | 884 |
| 880-497-1 MSD | S-1 (0-1) | Total/NA | Solid | 8021B | 884 |

Prep Batch: 881

| Lab Sample ID 880-497-1 | S-1 (0-1) | Prep Type Total/NA | Matrix Solid | Method Prep Batch 5035 |
|-----------------------------------|---------------|--------------------|--------------|------------------------|
| 880-497-2 | S-1 (1'-1.5') | Total/NA | Solid | 5035 |
| 880-497-3 | S-2 (0-1) | Total/NA | Solid | 5035 |
| 880-497-4 | S-2 (1'-1.5) | Total/NA | Solid | 5035 |
| MB 880-881/5-A | Method Blank | Total/NA | Solid | 5035 |

Prep Batch: 884

| Lab Sample ID MB 880-884/5-A | Client Sample ID Method Blank | Prep Type Total/NA | Matrix Solid | Method 5035 | Prep Batch |
|---------------------------------|--------------------------------|--------------------|-----------------|-------------|------------|
| LCS 880-884/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-884/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-497-1 MS | S-1 (0-1) | Total/NA | Solid | 5035 | |
| 880-497-1 MSD | S-1 (0-1) | Total/NA | Solid | 5035 | |

GC Semi VOA

Prep Batch: 615

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|-------------|------------|
| 880-497-1 | S-1 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 880-497-2 | S-1 (1'-1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-497-3 | S-2 (0-1) | Total/NA | Solid | 8015NM Prep | |
| 880-497-4 | S-2 (1'-1.5) | Total/NA | Solid | 8015NM Prep | |
| MB 880-615/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-615/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-615/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| | | | | | |

Eurofins Xenco, Midland

Page 15 of 23

Client: NT Global Job ID: 880-497-1
Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

GC Semi VOA

Analysis Batch: 617

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|----------|------------|
| 880-497-1 | S-1 (0-1) | Total/NA | Solid | 8015B NM | 615 |
| 880-497-2 | S-1 (1'-1.5') | Total/NA | Solid | 8015B NM | 615 |
| 880-497-3 | S-2 (0-1) | Total/NA | Solid | 8015B NM | 615 |
| 880-497-4 | S-2 (1'-1.5) | Total/NA | Solid | 8015B NM | 615 |
| MB 880-615/1-A | Method Blank | Total/NA | Solid | 8015B NM | 615 |
| LCS 880-615/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 615 |
| LCSD 880-615/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 615 |

HPLC/IC

Leach Batch: 608

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|----------|------------|
| 880-497-1 | S-1 (0-1) | Soluble | Solid | DI Leach | |
| MB 880-608/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-608/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-608/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Analysis Batch: 609

| Lab Sample ID 880-497-1 | S-1 (0-1) | Prep Type Soluble | Matrix Solid | Method 300.0 | Prep Batch |
|----------------------------|------------------------|-------------------|--------------|--------------|------------|
| MB 880-608/1-A | Method Blank | Soluble | Solid | 300.0 | 608 |
| LCS 880-608/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 608 |
| LCSD 880-608/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 608 |

Leach Batch: 645

| Lab Sample ID 880-497-2 | Client Sample ID S-1 (1'-1.5') | Prep Type Soluble | Matrix Solid | Method DI Leach | Prep Batch |
|----------------------------|--------------------------------|-------------------|--------------|-----------------|------------|
| 880-497-3 | S-2 (0-1) | Soluble | Solid | DI Leach | |
| MB 880-645/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-645/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-645/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Analysis Batch: 695

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 880-497-2 | S-1 (1'-1.5') | Soluble | Solid | 300.0 | 645 |
| 880-497-3 | S-2 (0-1) | Soluble | Solid | 300.0 | 645 |
| MB 880-645/1-A | Method Blank | Soluble | Solid | 300.0 | 645 |
| LCS 880-645/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 645 |
| LCSD 880-645/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 645 |

Leach Batch: 746

| Lab Sample ID 880-497-4 | Client Sample ID S-2 (1'-1.5) | Prep Type Soluble | Matrix Solid | Method Prep Batc | <u>:h</u> |
|-----------------------------------|----------------------------------|-------------------|-----------------|------------------|-----------|
| MB 880-746/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-746/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-746/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Analysis Batch: 769

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|------------------|-----------|--------|--------|------------|
| 880-497-4 | S-2 (1'-1.5) | Soluble | Solid | 300.0 | 746 |
| MB 880-746/1-A | Method Blank | Soluble | Solid | 300.0 | 746 |

Eurofins Xenco, Midland

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Acrico, Midiano

Job ID: 880-497-1 Client: NT Global Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 769 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| LCS 880-746/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 746 |
| LCSD 880-746/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 746 |

Job ID: 880-497-1 SDG: Eddy County NM

Client Sample ID: S-1 (0-1)

Date Received: 03/19/21 11:23

Project/Site: EOG - Zinnia Fed #1 2RP-759

Client: NT Global

Lab Sample ID: 880-497-1 Date Collected: 03/16/21 00:00

Matrix: Solid

10

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 881 | 03/25/21 17:53 | MR | XM |
| Total/NA | Analysis | 8021B | | 1 | 826 | 03/26/21 08:26 | MR | XM |
| Total/NA | Prep | 8015NM Prep | | | 615 | 03/19/21 14:53 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 617 | 03/20/21 04:55 | AM | XM |
| Soluble | Leach | DI Leach | | | 608 | 03/19/21 12:37 | CH | XM |
| Soluble | Analysis | 300.0 | | 10 | 609 | 03/20/21 18:03 | CH | XM |

Client Sample ID: S-1 (1'-1.5') Lab Sample ID: 880-497-2 Date Collected: 03/16/21 00:00 Matrix: Solid

Date Received: 03/19/21 11:23

Batch Dilution Batch Batch **Prepared** Method **Prep Type** Type Run **Factor** Number or Analyzed Analyst Lab Total/NA Prep 5035 03/25/21 17:53 MR XM Total/NA 8021B 826 03/26/21 08:47 MR ΧM Analysis 1 Total/NA 8015NM Prep 03/19/21 14:53 AJ XM Prep Total/NA Analysis 8015B NM 03/20/21 05:16 AM XM 1 617 Soluble 03/21/21 11:35 AJ ΧM Leach DI Leach Soluble Analysis 300.0 5 XM 695 03/22/21 15:52 WP

Client Sample ID: S-2 (0-1) Lab Sample ID: 880-497-3

Date Collected: 03/16/21 00:00 Matrix: Solid Date Received: 03/19/21 11:23

Batch Batch Dilution Batch **Prepared** Method **Prep Type** Number or Analyzed Type Run Factor Analyst Lab Total/NA 5035 03/25/21 17:53 XM Prep Total/NA 03/26/21 09:07 Analysis 8021B 826 MR XM 1 Total/NA 8015NM Prep 03/19/21 14:53 AJ XM Prep Total/NA 8015B NM 03/20/21 05:37 AM ΧM Analysis 1 Soluble Leach DI Leach 03/21/21 11:35 AJ ΧM 300.0 ΧM Soluble Analysis 10 695 03/22/21 15:58 WP

Client Sample ID: S-2 (1'-1.5) Lab Sample ID: 880-497-4 Date Collected: 03/16/21 00:00 Matrix: Solid

Date Received: 03/19/21 11:23

| _ | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Туре | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 881 | 03/25/21 17:53 | MR | XM |
| Total/NA | Analysis | 8021B | | 1 | 826 | 03/26/21 09:28 | MR | XM |
| Total/NA | Prep | 8015NM Prep | | | 615 | 03/19/21 14:53 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 617 | 03/20/21 05:58 | AM | XM |
| Soluble | Leach | DI Leach | | | 746 | 03/23/21 10:29 | СН | XM |
| Soluble | Analysis | 300.0 | | 10 | 769 | 03/23/21 19:07 | WP | XM |

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global Job ID: 880-497-1 Project/Site: EOG - Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | P | rogram | Identification Number | Expiration Date |
|---|-----------------------------------|------------------------------|---|------------------------------------|
| Texas | N | ELAP | T104704400-20-21 | 06-30-21 |
| The following analyte: | s are included in this rep | ort, but the laboratory is i | not certified by the governing authority. | This list may include analytes for |
| the agency does not | offer certification. | | | The notine of monage and property |
| the agency does not of Analysis Method | offer certification. Prep Method | Matrix | Analyte | |
| 0 , | | • | , , , | |

Method Summary

Client: NT Global

Project/Site: EOG - Zinnia Fed #1 2RP-759

Job ID: 880-497-1

SDG: Eddy County NM

| Method | Method Description | Protocol | Laboratory |
|------------|------------------------------------|----------|------------|
| 3021B | Volatile Organic Compounds (GC) | SW846 | XM |
| 3015B NM | Diesel Range Organics (DRO) (GC) | SW846 | XM |
| 300.0 | Anions, Ion Chromatography | MCAWW | XM |
| 5035 | Closed System Purge and Trap | SW846 | XM |
| 015NM Prep | Microextraction | SW846 | XM |
| Ol Leach | Deionized Water Leaching Procedure | ASTM | XM |

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global

Project/Site: EOG - Zinnia Fed #1 2RP-759

Job ID: 880-497-1

SDG: Eddy County NM

| 880-497-2 S-1 (1'-1.5') Solid 03/16/21 00:00 03/19/21 11:23 880-497-3 S-2 (0-1) Solid 03/16/21 00:00 03/19/21 11:23 | Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset I |
|--|---------------|------------------|--------|----------------|----------------|---------|
| 880-497-3 S-2 (0-1) Solid 03/16/21 00:00 03/19/21 11:23 | 880-497-1 | S-1 (0-1) | Solid | 03/16/21 00:00 | 03/19/21 11:23 | |
| (*) | 880-497-2 | S-1 (1'-1.5') | Solid | 03/16/21 00:00 | 03/19/21 11:23 | |
| 990 407 4 | 880-497-3 | S-2 (0-1) | Solid | 03/16/21 00:00 | 03/19/21 11:23 | |
| 000-497-4 | 880-497-4 | S-2 (1'-1.5) | Solid | 03/16/21 00:00 | 03/19/21 11:23 | |

| City, State ZIP Midland, Tx 79706 | Address 5509 Champions Dr | Company Name EOG Resources | Bill to. (if different) James Kennedy | | | |
|--|---------------------------|---|---------------------------------------|----------------------|----------------|--|
| Reporting Level III Level III ST/UST RRP Level | State of Project: | Program: UST/PST PRP rownfields RC perf | Work Order Comments | 880-497 COC Page1 of | Work Order No: | |

| of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. | ses or expenses incurred by the client if such losses are due to circumstances beyond the nitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiate. | ed. | |
|--|---|--------------------------|-----------|
| Relinquished by: (Signature) / Received by: (Signature) Date/Time Relinquished by: (Signature) | | Received by: (Signature) | Date/Time |
| 1'april 2 (2021) 2 | 3/19/2021 2 | | |
| 11.23 4 | 1.23 4 | | |
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|--|----|----|-----|----|------|----|---|--------------|-----------|--------------|-----------|-----------------------|-------------------------|-----------------|----------------------|----------------------------------|--------------------------|-----------------------------------|---|------------------------------------|------------------|---|---|----------------------------|-------------------------------------|---------------------|-----------------------------------|
| Addito | | | | | | | | S-2(1'-1 5') | S-2(0-1') | S-1(1'-1 5') | S-1(0-1') | Sample Identification | Lotal Containers | Total Containor | Sample Custody Seals | Cooler Custody Seals | Received Intact: | SAMPLE RECEIPT | PO#: | Sampler's Name | Project Location | Project Number | Project Name | Phone: | City, State ZIP | Address | Company Name. |
| Additoinal Comments: | | | | | | | *************************************** | ·1 5') | F1') | .15') | F1') | ntification | | | . Yes | Yes | Yes | | | | Eddy | | Zinnia F | 432-813-0263 | Midland, TX 79706 | 701 Tradewinds BLVD | NTG Environmental |
| *: | | | | | | | | 3/16/2021 | 3/16/2021 | 3/16/2021 | 3/16/2021 | Date | | | No N/A | No N/A | 8 | Temp Blank. | | CM | Eddy County, NM | 214052 | Zinnia Fed #1 2RP-759 | | 706 | s BLVD | ental |
| | | | | | | | | 1 | | ı | ١ | Time | Corrected | | Temperatu | Correction Factor | Thermometer ID | Yes No | | | | | 59 | | | | |
| | | | | | | | | × | × | × | × | Soll | Corrected Femperature. | | Temperature Reading. | Factor [*] | ter ID | Wet Ice | lab if recei | TAT starts the day received by the | Due Date | Routine | Tum | Email | | | |
| | | | | | | | | | | | | Water | | ᄱ | S S | ω Ο | TY A | (Yes) | lab if received by 4 30pm | day received t | 72HR | Rush | Turn Around | James Kennedy@eogresources | City, State ZIP | Address | Company Name |
| | | | | | | | | G | ဝ | G | G | Grab/ # Comp Ci | | | | | | No | | by the | Ĺ | o I | | nnedy@e | JP 9 | | ame |
| | | | | | | | | 1 × | 1 × | 1 × | 1 × | # of Cont | | herhan | B' | | 802 | nete: | S | ********* | -traverse | Code | | ogresou | Mic | 550 | ΕO |
| | - | | - | | | | | × | × | × | × | TPI | -1 80 | 15 | | | | DRO | + N | RO |) | | | ırces | Midland, Tx 79706 | 5509 Champions Dr | EOG Resources |
| | | | | | | | | × | × | × | × | | | | Chi | ord | ie 30 | 000 | | | | | | | 79706 | pions [| urces |
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| | | | | | | | | | | | | | | | | | | | | | | | ANALYSIS | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | SIS REQUEST | L | | | |
| | | | | | | | | | | | | | | | | | | | | | | | JEST | Deliverables EDD | Reporting Level II Level III ST/UST | State of Project: | Program: UST/PST ☐PRP ☐rownfields |
| | L | | | | | | | _ | | | | | | | | | | | | | | | | ables | ng Leve | f Proje | m: UST |
| | - | | | | | | | | - | | | | | | | | | | | | | | A Common of the | | | 2 |] TS4/ |
| The second secon | | | | | | | | | | | | | | | | | | | | | | | | | evel III | | R |
| | | | | | | | | | | | | | | | | но | LD | | | | | | | ADaPT 🗆 | □st/ | | □rown |
| | | | | | | | | | | | | Ø | NaOH | | Zn Ace | Na ₂ S ₂ C | NaHSC | H ₃ PO ₄ HP | H ₂ SO ₄ H ₂ | HCL HC | Cool Cool | None NO | P | | UST | | fields |
| | | | | | | | | | | | | ample i | Ascorbi | | Zn Acetate+NaOH Zn | $Na_2S_2O_3$ $NaSO_3$ | NaHSO ₄ NABIS | 퓻 | Ŧ | ဂ | <u>8</u> | ō | eserva | Other | JRRP | | □ RC |
| | | | | | | | | | | | 1 | Sample Comments | NaOH+Ascorbic Acid SAPC | ! | OH Zn | <u>ω</u> | S | | NaOH Na | HNO. HN | МеОН Ме | DI Water H ₂ O | Preservative Codes | | □RRP □Level IV □ | | perfund |
| | L | | | | | L | | | | | 1 | Page | 2 | | of | 23 | 3 | | | | | لــــــــــــــــــــــــــــــــــــــ | | | | | |
| 5/21 | 92 | 27 | 3:2 | 3. | 20 1 | PM | | | | | | ~90 | | - | | | | | | | | | | | | | |

Login Sample Receipt Checklist

Client: NT Global Job Number: 880-497-1 SDG Number: Eddy County NM

List Source: Eurofins Midland

Login Number: 497 List Number: 1

Creator: Teel, Brianna

| Question | Answer | Comment |
|--|--------|---------|
| The cooler's custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is | N/A | |

Eurofins Midland

Released to Imaging: 11/16/2021 3:23:20 PM

<6mm (1/4").



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-1059-1

Laboratory Sample Delivery Group: Eddy County NM

Client Project/Site: Zinnia Fed #1 2RP-759

For:

NT Global 701 Tradewinds Blvd Midland, Texas 79706

Attn: Mike Carmona

MRAMER

Authorized for release by: 4/9/2021 4:24:22 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 11/16/2021 3:23:20 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1

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Project/Site: Zinnia Fed #1 2RP-759

Client: NT Global

Laboratory Job ID: 880-1059-1 SDG: Eddy County NM

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Definitions/Glossary

Client: NT Global Job ID: 880-1059-1 Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

¤ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid Colony Forming Unit CFU **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit PRES

Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TFF Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Case Narrative

Client: NT Global

Job ID: 880-1059-1 Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Job ID: 880-1059-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-1059-1

Receipt

The samples were received on 4/6/2021 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.9°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: NT Global

Job ID: 880-1059-1 Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-1059-1 Date Collected: 04/05/21 00:00 Matrix: Solid

Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|--|-----------------------|------------------------------------|-----|-------------------------|----------|--|--|---------------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| Xylenes, Total | < 0.00397 | U | 0.00397 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| Total BTEX | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| | | | | | | | | | |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 06:44 | 1 |
| 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte | ge Organics (D | RO) (GC) Qualifier | 70 - 130 RL | MDL | Unit | D | 04/07/21 12:45 Prepared | 04/08/21 06:44 Analyzed | 1 Dil Fac |
| Method: 8015B NM - Diesel Rang | ge Organics (D | Qualifier | | MDL | Unit mg/Kg | <u>D</u> | | | , |
| Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics | ge Organics (D | Qualifier U | RL | MDL | | <u>D</u> | Prepared | Analyzed | Dil Fac |
| Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 | ge Organics (D Result <49.9 | Qualifier U | RL 49.9 | MDL | mg/Kg | <u> </u> | Prepared 04/07/21 10:39 | Analyzed 04/07/21 21:24 | Dil Fac |
| Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | ge Organics (D Result <49.9 | Qualifier U | RL 49.9 | MDL | mg/Kg | <u>D</u> | Prepared 04/07/21 10:39 | Analyzed 04/07/21 21:24 | Dil Fac |
| Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | ge Organics (D Result <49.9 | Qualifier U U | RL 49.9 | MDL | mg/Kg | <u> </u> | Prepared 04/07/21 10:39 04/07/21 10:39 | Analyzed 04/07/21 21:24 04/07/21 21:24 | Dil Fac |
| Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) | ge Organics (D) Result <49.9 <49.9 <49.9 | Qualifier U U U U | RL 49.9 49.9 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 | Analyzed 04/07/21 21:24 04/07/21 21:24 04/07/21 21:24 | Dil Fac 1 1 |
| Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH | ge Organics (D) Result <49.9 <49.9 <49.9 <49.9 | Qualifier U U U U | RL 49.9 49.9 49.9 49.9 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | Prepared 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 | Analyzed 04/07/21 21:24 04/07/21 21:24 04/07/21 21:24 04/07/21 21:24 | Dil Fac 1 1 1 |

| Method: 300.0 - Anions, Ion Chromatography - Soluble | | | | | | | | | | |
|--|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| l | Chloride | 167 | | 5.04 | | mg/Kg | | | 04/09/21 09:45 | 1 |

Client Sample ID: CS-2 (1.5') Lab Sample ID: 880-1059-2 Date Collected: 04/05/21 00:00

Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| Total BTEX | <0.00198 | U | 0.00198 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 07:04 | 1 |
| Method: 8015B NM - Diesel R | ange Organics (D | RO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 22:28 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |

Eurofins Xenco, Midland

Matrix: Solid

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1 SDG: Eddy County NM

Client Sample ID: CS-2 (1.5')

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Lab Sample ID: 880-1059-2

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 22:28 | 1 |
| C10-C28) | | | | | | | | | |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 22:28 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 22:28 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 82 | | 70 - 130 | | | | 04/07/21 10:39 | 04/07/21 22:28 | 1 |
| o-Terphenyl | 78 | | 70 - 130 | | | | 04/07/21 10:39 | 04/07/21 22:28 | 1 |
| Method: 300.0 - Anions, Ion Chro | omatography - | Soluble | | | | | | | |
| Ameliate | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Analyte | Result | | | | | | | | |

Client Sample ID: CS-3 (1.5') Lab Sample ID: 880-1059-3

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:25 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:25 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:25 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:25 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:25 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:25 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:25 | 1 |

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|---------------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 118 | 70 - 130 | 04/07/21 12:45 | 04/08/21 07:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | 70 - 130 | 04/07/21 12:45 | 04/08/21 07:25 | 1 |

| motification of the property | jo Organios (B | 110, (00) | | | | | | | |
|-----------------------------------|----------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.8 | U | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 22:49 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.8 | U | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 22:49 | 1 |
| C10-C28) | | | | | | | | | |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 22:49 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 22:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 87 | | 70 - 130 | | | | 04/07/21 10:39 | 04/07/21 22:49 | 1 |
| o-Terphenyl | 82 | | 70 - 130 | | | | 04/07/21 10:39 | 04/07/21 22:49 | 1 |

| Method: 300.0 - Anions, Ion Chron | natography - Soluble | | | | | | |
|-----------------------------------|----------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 142 | 4.98 | mg/Kg | | | 04/09/21 10:08 | 1 |

Client Sample Results

Client: NT Global Job ID: 880-1059-1
Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Client Sample ID: CS-4 (2.5')

Client Sample ID: CS-4 (2.5')

Lab Sample ID: 880-1059-4

Date Collected: 04/05/21 00:00 Matrix: Solid
Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|---|-------------------------|---|-----|-------------------------|----------|--|--|---------------------------------------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| Toluene | < 0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 109 | - | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 07:45 | 1 |
| Method: 8015B NM - Diesel Rang | • | | D. | | | _ | | | B.: E |
| • | | | | | | | | | |
| Analyte | • | RO) (GC) Qualifier | RL | MDL | Unit | <u>D</u> | Prepared | Analyzed | Dil Fac |
| Analyte Gasoline Range Organics | • | | RL | MDL | Unit mg/Kg | <u>D</u> | Prepared 04/07/21 10:39 | Analyzed 04/07/21 23:11 | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 | Result 66.2 | Qualifier | 49.9 | MDL | mg/Kg | <u>D</u> | 04/07/21 10:39 | 04/07/21 23:11 | 1 |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | Result | Qualifier | | MDL | | <u>D</u> | | | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 | Result 66.2 | Qualifier U | 49.9 | MDL | mg/Kg | <u>D</u> | 04/07/21 10:39 | 04/07/21 23:11 | 1 |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | Result 66.2 | Qualifier U | 49.9 | MDL | mg/Kg | <u>D</u> | 04/07/21 10:39 | 04/07/21 23:11 | 1 |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) | Result 66.2 <49.9 <49.9 | Qualifier U | 49.9 49.9 49.9 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 | 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 | 1 1 |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH | Result 66.2 <49.9 <49.9 66.2 | Qualifier U | 49.9 49.9 49.9 49.9 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 | 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 | 1 1 1 1 Dil Fac |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate | Result | Qualifier U | 49.9 49.9 49.9 49.9 Limits | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 Prepared | 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 Analyzed | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane | Result | Qualifier U Qualifier | 49.9 49.9 49.9 49.9 Limits 70 - 130 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 Prepared 04/07/21 10:39 | 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 Analyzed 04/07/21 23:11 | 1 1 1 1 1 1 1 Dil Fac |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl | Result 66.2 <49.9 <49.9 66.2 **Recovery 93 90 omatography - | Qualifier U Qualifier | 49.9 49.9 49.9 49.9 Limits 70 - 130 | | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 Prepared 04/07/21 10:39 | 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 04/07/21 23:11 Analyzed 04/07/21 23:11 | |

Client Sample ID: CS-5 (2.5')

Date Collected: 04/05/21 00:00

Lab Sample ID: 880-1059-5

Matrix: Solid

Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|------------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| Total BTEX | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 08:05 | 1 |
| Method: 8015B NM - Diesel Ra | ange Organics (D | RO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 23:33 | 1 |

04/09/21 10:19

Client Sample Results

Client: NT Global

154

Job ID: 880-1059-1 Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Client Sample ID: CS-5 (2.5')

Lab Sample ID: 880-1059-5 Date Collected: 04/05/21 00:00

Matrix: Solid Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 23:33 | 1 |
| C10-C28) | | | | | | | | | |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 23:33 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 23:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 80 | | 70 - 130 | | | | 04/07/21 10:39 | 04/07/21 23:33 | 1 |
| o-Terphenyl | 75 | | 70 - 130 | | | | 04/07/21 10:39 | 04/07/21 23:33 | 1 |
| - - | | | | | | | | | |
| Method: 300.0 - Anions, Ion Chro | matography - | Soluble | | | | | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |

5.04 Client Sample ID: CS-6 (2.5') Lab Sample ID: 880-1059-6

mg/Kg

Date Collected: 04/05/21 00:00 Matrix: Solid

Date Received: 04/06/21 15:30

Chloride

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fa |
|---|--------------------------------|-------------------------------|---|-----|-------------------------|----------|--|--|--------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:26 | |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:26 | |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:26 | |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:26 | |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:26 | |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:26 | |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:26 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fa |
| 4-Bromofluorobenzene (Surr) | 112 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 08:26 | |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 08:26 | |
| : Method: 8015B NM - Diesel Rang | , | , , , | | | | | | | |
| Mothod: 9015P NM Diocol Pane | no Organics (D | BO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | | <u>D</u> | Prepared 04/07/21 10:39 | Analyzed | |
| Analyte Gasoline Range Organics | , | Qualifier | RL | MDL | Unit mg/Kg | <u>D</u> | Prepared 04/07/21 10:39 | Analyzed 04/07/21 23:53 | |
| Analyte | Result | Qualifier U | | MDL | | <u>D</u> | | | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 | | Qualifier U | 50.0 | MDL | mg/Kg | <u> </u> | 04/07/21 10:39 | 04/07/21 23:53 | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over | | Qualifier U | 50.0 | MDL | mg/Kg | <u>D</u> | 04/07/21 10:39 | 04/07/21 23:53 | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | Result <50.0 <50.0 | Qualifier U U | 50.0 | MDL | mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 | 04/07/21 23:53 04/07/21 23:53 | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) | Result <50.0 <50.0 <50.0 | Qualifier U U U U | 50.0 50.0 50.0 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 | 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH | Result | Qualifier U U U U | 50.0 50.0 50.0 50.0 | MDL | mg/Kg mg/Kg mg/Kg | <u> </u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 | 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH | Result | Qualifier U U U U | 50.0 50.0 50.0 50.0 Limits | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 Prepared | 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 Analyzed | |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane | Result | Qualifier U U U Qualifier | 50.0 50.0 50.0 50.0 Limits 70 - 130 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 Prepared 04/07/21 10:39 | 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 Analyzed 04/07/21 23:53 | Dil Fa |
| Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl | Result | Qualifier U U U Qualifier | 50.0 50.0 50.0 50.0 Limits 70 - 130 | | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 Prepared 04/07/21 10:39 | 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 04/07/21 23:53 Analyzed 04/07/21 23:53 | Dil Fa |

Client Sample Results

Client: NT Global Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1 SDG: Eddy County NM

Client Sample ID: SW-1

Lab Sample ID: 880-1059-7

Matrix: Solid

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--|-----------------------|-------------------------------------|-----|-------------------------|----------|--|--|-------------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:46 | 1 |
| m-Xylene & p-Xylene | < 0.00399 | U | 0.00399 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:46 | 1 |
| Xylenes, Total | < 0.00399 | U | 0.00399 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:46 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 08:46 | 1 |
| | a | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| Surrogate | %Recovery | Qualifier | | | | | | | |
| Surrogate 4-Bromofluorobenzene (Surr) | | Qualifier | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 08:46 | 1 |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) | 110 | | 70 - 130 70 - 130 | | | | 04/07/21 12:45 04/07/21 12:45 | 04/08/21 08:46 04/08/21 08:46 | 1 |
| 4-Bromofluorobenzene (Surr) | 110 | | | | | | | | 1 1 |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) | 110 99 ge Organics (D | | | MDL | Unit mg/Kg | <u>D</u> | | | Dil Fac |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang | 110 99 ne Organics (D Result | RO) (GC) | 70 - 130 RL | MDL | | <u>D</u> | 04/07/21 12:45 Prepared | 04/08/21 08:46 Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 | 110 99 ne Organics (D Result | RO) (GC) Qualifier | 70 - 130 RL | MDL | | <u>D</u> | 04/07/21 12:45 Prepared | 04/08/21 08:46 Analyzed | 1 1 Dil Fac |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | 110 99 1e Organics (Di Result 65.9 <50.0 | RO) (GC) Qualifier | 70 - 130 RL 50.0 | MDL | mg/Kg | <u>D</u> | 04/07/21 12:45 Prepared 04/07/21 10:39 04/07/21 10:39 | Analyzed 04/08/21 00:15 04/08/21 00:15 | 1 |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) | 110 99 ge Organics (Di Result 65.9 | RO) (GC) Qualifier | 70 - 130 RL 50.0 50.0 | MDL | mg/Kg | <u>D</u> | 04/07/21 12:45 Prepared 04/07/21 10:39 04/07/21 10:39 | Analyzed 04/08/21 00:15 04/08/21 00:15 04/08/21 00:15 | 1 |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) | 110 99 1e Organics (Di Result 65.9 <50.0 | RO) (GC) Qualifier | 70 - 130 RL 50.0 | MDL | mg/Kg | <u>D</u> | 04/07/21 12:45 Prepared 04/07/21 10:39 04/07/21 10:39 | Analyzed 04/08/21 00:15 04/08/21 00:15 | 1 |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics | 110 99 1e Organics (Di Result 65.9 <50.0 | RO) (GC) Qualifier U | 70 - 130 RL 50.0 50.0 | MDL | mg/Kg mg/Kg mg/Kg | <u>D</u> | 04/07/21 12:45 Prepared 04/07/21 10:39 04/07/21 10:39 | Analyzed 04/08/21 00:15 04/08/21 00:15 04/08/21 00:15 | 1 |
| 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH | 110 99 1e Organics (Di Result 65.9 <50.0 <50.0 | RO) (GC) Qualifier U | 70 - 130 RL 50.0 50.0 50.0 50.0 | MDL | mg/Kg mg/Kg mg/Kg | <u> </u> | Prepared 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 04/07/21 10:39 | Analyzed 04/08/21 00:15 04/08/21 00:15 04/08/21 00:15 04/08/21 00:15 | 1 1 |

Client Sample ID: SW-2 Lab Sample ID: 880-1059-8 Date Collected: 04/05/21 00:00 **Matrix: Solid**

5.05

mg/Kg

267

Date Received: 04/06/21 15:30

Chloride

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|------------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| Total BTEX | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 114 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 09:07 | 1 |
| Method: 8015B NM - Diesel Ra | ange Organics (D | RO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | 77.4 | | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 00:36 | 1 |

Eurofins Xenco, Midland

04/09/21 10:41

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

Client Sample ID: SW-2

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30 Lab Sample ID: 880-1059-8

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|--------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 00:36 | 1 |
| Oll Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 00:36 | 1 |
| Total TPH | 77.4 | | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 00:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 88 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 00:36 | 1 |
| o-Terphenyl | 82 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 00:36 | 1 |
| Method: 300.0 - Anions, Ion Chro | matography - | Soluble | | | | | | | |
| Analyte | Pocult | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |

Client Sample ID: SW-3 Lab Sample ID: 880-1059-9

4.98

mg/Kg

Date Collected: 04/05/21 00:00

Chloride

Date Received: 04/06/21 15:30

04/09/21 10:46 1

Lab Sample ID: 880-1059-9

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|---------------------------------|------------------|-----------------------|-----|---------------|---|--------------------------------|--------------------------|-----------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 10:28 | 1 |
| Analyte Gasoline Range Organics | | Qualifier | RL | MDL | Unit ma/Ka | D | Prepared 04/07/21 10:39 | Analyzed 04/08/21 02:01 | Dil Fac |
| Method: 8015B NM - Diesel Rai | | 50) (00) | | | | | | | |
| Gasoline Range Organics | 81.1 | | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:01 | 1 |
| (GRO)-C6-C10 | | | 40.0 | | | | 0.1/0.7/0.1 10.00 | 0.4/0.0/0.4.00.0.4 | |
| Diesel Range Organics (Over C10-C28) | 574 | | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:01 | 1 |
| Oll Range Organics (Over | 221 | | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:01 | 1 |
| C28-C36) | 221 | | | | 9/.19 | | 0 | 0 00.2 . 02.0 . | • |
| | | | | | | | | | |
| Total TPH | 876 | | 49.8 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:01 | 1 |
| Total TPH Surrogate | 876 %Recovery | Qualifier | 49.8 Limits | | mg/Kg | | 04/07/21 10:39 Prepared | 04/08/21 02:01 Analyzed | Dil Fac |
| | | Qualifier | | | mg/Kg | | | | 1 Dil Fac |
| Surrogate | %Recovery | Qualifier | Limits | | mg/Kg | | Prepared | Analyzed | |
| Surrogate 1-Chlorooctane o-Terphenyl | %Recovery 109 98 | <u> </u> | Limits 70 - 130 | | mg/kg | | Prepared 04/07/21 10:39 | Analyzed 04/08/21 02:01 | 1 |
| Surrogate 1-Chlorooctane | %Recovery 109 98 romatography - | <u> </u> | Limits 70 - 130 | MDL | mg/kg | D | Prepared 04/07/21 10:39 | Analyzed 04/08/21 02:01 | 1 |

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

Client Sample ID: SW-4

1,4-Difluorobenzene (Surr)

1-Chlorooctane

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Lab Sample ID: 880-1059-10

04/08/21 10:49

04/08/21 02:22

04/07/21 12:45

04/07/21 10:39

Matrix: Solid

| Method: 8021B - Volatile Orga | nic Compounds | (GC) | | | | | | | |
|-------------------------------|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:49 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:49 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:49 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 10:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 110 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 10:49 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|-----------|-----------|--------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | 54.7 | | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:22 | 1 |
| Diesel Range Organics (Over C10-C28) | 491 | | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:22 | 1 |
| Oll Range Organics (Over C28-C36) | 187 | | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:22 | 1 |
| Total TPH | 733 | | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:22 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |

70 - 130

101

108

| o-Terphenyl | 93 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 02:22 | 1 |
|------------------------------------|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Method: 300.0 - Anions, Ion Chroma | atography - S | Soluble | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 627 | | 5.04 | | mg/Kg | | | 04/09/21 10:57 | 1 |

70 - 130

Client Sample ID: SW-5 Lab Sample ID: 880-1059-11

Date Collected: 04/05/21 00:00 **Matrix: Solid** Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|------------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| Total BTEX | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 11:09 | 1 |
| - Method: 8015B NM - Diesel Ra | ange Organics (D | RO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 00:57 | 1 |

Eurofins Xenco, Midland

(GRO)-C6-C10

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

Client Sample ID: SW-5

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Lab Sample ID: 880-1059-11

Matrix: Solid

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 00:57 | 1 |
| C10-C28) | | | | | | | | | |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 00:57 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 00:57 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 96 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 00:57 | 1 |
| o-Terphenyl | 89 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 00:57 | 1 |
| Method: 300.0 - Anions, Ion Chro | omatography - | Soluble | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | | | | | | | | | |

Client Sample ID: SW-6 Lab Sample ID: 880-1059-12 Date Collected: 04/05/21 00:00

Matrix: Solid

Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|----------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| Xylenes, Total | < 0.00402 | U | 0.00402 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| Total BTEX | <0.00201 | U | 0.00201 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 11:30 | 1 |
| Method: 8015B NM - Diesel Ra | • • • | , , , | | | | _ | | | |
| Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | 67.0 | | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:43 | 1 |
| Diesel Range Organics (Over C10-C28) | 403 | | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:43 | 1 |
| Oll Range Organics (Over C28-C36) | 148 | | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:43 | 1 |
| Total TPH | 618 | | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 02:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 96 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 02:43 | 1 |
| o-Terphenyl | 83 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 02:43 | 1 |
| Method: 300.0 - Anions, Ion Ch | romatography - | Soluble | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 431 | | 4.98 | | mg/Kg | | | 04/09/21 11:20 | |

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

Lab Sample ID: 880-1059-13

Matrix: Solid

| Client Sample | ID: | SW-7 |
|----------------------|------|---------|
| Data Callagtadi (| 4/0E | 124 00. |

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 116 | - | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 11:50 | 1 |

| Method: 8015B NM - Diesel Rang | ge Organics (D | RO) (GC) | | | | | | | |
|---|----------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | 74.9 | | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 01:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 01:18 | 1 |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 01:18 | 1 |
| Total TPH | 74.9 | | 49.9 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 01:18 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 88 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 01:18 | 1 |
| o-Terphenyl | 81 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 01:18 | 1 |

| Method: 300.0 - Anions, Ion Chro | matography - Soluble | | | | | | |
|----------------------------------|----------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 75.1 | 5.04 | ma/Ka | | | 04/09/21 11:25 | 1 |

Client Sample ID: SW-8

Date Collected: 04/05/21 00:00

Lab Sample ID: 880-1059-14

Matrix: Solid

Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|------------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| Total BTEX | <0.00202 | U | 0.00202 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 04/07/21 12:45 | 04/08/21 12:11 | 1 |
| - Method: 8015B NM - Diesel Ra | ange Organics (D | RO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 03:05 | 1 |

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12

Chloride

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

04/09/21 11:42

SDG: Eddy County NM

Client Sample ID: SW-8 Lab Sample ID: 880-1059-14 Date Collected: 04/05/21 00:00

Matrix: Solid

Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 03:05 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 03:05 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/08/21 03:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 95 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 03:05 | 1 |
| o-Terphenyl | 87 | | 70 - 130 | | | | 04/07/21 10:39 | 04/08/21 03:05 | 1 |
| Method: 300.0 - Anions, Ion Chro | omatography - | Soluble | | | | | | | |
| Analyte | Rosult | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |

Client Sample ID: SW-9 Lab Sample ID: 880-1059-15 Matrix: Solid

5.05

mg/Kg

Date Collected: 04/05/21 00:00

<5.05 U

Date Received: 04/06/21 15:30

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:31 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:31 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:31 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:31 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:31 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:31 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 12:31 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 | 04/07/21 12:45 | 04/08/21 12:31 | 1 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 | 04/07/21 12:45 | 04/08/21 12:31 | 1 |

| Method: 8015B NM - Diesel Rang | ge Organics (DRO) (GC) | | | | | | |
|--------------------------------|------------------------|------|----------|---|----------------|----------------|--------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fa |
| Gasoline Range Organics | 58.2 | 49.8 | mg/Kg | | 04/07/21 10:39 | 04/08/21 03:26 | |
| (GRO)-C6-C10 | | | | | | | |
| Diesel Range Organics (Over | <49.8 U | 49.8 | mg/Kg | | 04/07/21 10:39 | 04/08/21 03:26 | |

C10-C28) Oll Range Organics (Over C28-C36) <49.8 U 49.8 mg/Kg 04/07/21 10:39 04/08/21 03:26 **Total TPH** 49.8 mg/Kg 04/07/21 10:39 04/08/21 03:26 58.2

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 91 | | 70 - 130 | 04/07/21 10:39 | 04/08/21 03:26 | 1 |
| o-Terphenyl | 86 | | 70 - 130 | 04/07/21 10:39 | 04/08/21 03:26 | 1 |

| Method: 300.0 - Anions, Ion Chron | natography - | Soluble | | | | | | | |
|-----------------------------------|--------------|-----------|------|-----|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 348 | | 4.95 | | mg/Kg | | | 04/09/21 11:47 | 1 |

Surrogate Summary

Client: NT Global Job ID: 880-1059-1
Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

| | | BFB1 | DFBZ1 | Percent Surrogate Recovery (Acceptance Limits) |
|-------------------|------------------------|----------|----------|--|
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-1059-1 | CS-1 (1.5') | 116 | 102 | |
| 880-1059-2 | CS-2 (1.5') | 115 | 100 | |
| 880-1059-3 | CS-3 (1.5') | 118 | 98 | |
| 880-1059-4 | CS-4 (2.5') | 109 | 99 | |
| 880-1059-5 | CS-5 (2.5') | 108 | 99 | |
| 880-1059-6 | CS-6 (2.5') | 112 | 101 | |
| 880-1059-7 | SW-1 | 110 | 99 | |
| 880-1059-8 | SW-2 | 114 | 99 | |
| 880-1059-9 | SW-3 | 111 | 104 | |
| 880-1059-10 | SW-4 | 110 | 101 | |
| 880-1059-11 | SW-5 | 112 | 100 | |
| 880-1059-12 | SW-6 | 105 | 102 | |
| 880-1059-13 | SW-7 | 116 | 100 | |
| 880-1059-14 | SW-8 | 116 | 99 | |
| 880-1059-15 | SW-9 | 111 | 100 | |
| LCS 880-1434/1-A | Lab Control Sample | 113 | 107 | |
| LCS 880-1448/1-A | Lab Control Sample | 105 | 99 | |
| LCSD 880-1434/2-A | Lab Control Sample Dup | 95 | 100 | |
| LCSD 880-1448/2-A | Lab Control Sample Dup | 103 | 98 | |
| MB 880-1434/5-A | Method Blank | 101 | 101 | |
| MB 880-1448/5-A | Method Blank | 100 | 96 | |

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

| | | | | Perc |
|------------------|--------------------|----------|----------|------|
| | | 1CO1 | OTPH1 | |
| ₋ab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-1059-1 | CS-1 (1.5') | 88 | 84 | |
| 880-1059-1 MS | CS-1 (1.5') | 97 | 80 | |
| 880-1059-1 MSD | CS-1 (1.5') | 87 | 74 | |
| 880-1059-2 | CS-2 (1.5') | 82 | 78 | |
| 880-1059-3 | CS-3 (1.5') | 87 | 82 | |
| 880-1059-4 | CS-4 (2.5') | 93 | 90 | |
| 880-1059-5 | CS-5 (2.5') | 80 | 75 | |
| 880-1059-6 | CS-6 (2.5') | 93 | 91 | |
| 880-1059-7 | SW-1 | 94 | 88 | |
| 880-1059-8 | SW-2 | 88 | 82 | |
| 880-1059-9 | SW-3 | 109 | 98 | |
| 880-1059-10 | SW-4 | 108 | 93 | |
| 880-1059-11 | SW-5 | 96 | 89 | |
| 880-1059-12 | SW-6 | 96 | 83 | |
| 880-1059-13 | SW-7 | 88 | 81 | |
| 880-1059-14 | SW-8 | 95 | 87 | |
| 880-1059-15 | SW-9 | 91 | 86 | |
| LCS 880-1432/2-A | Lab Control Sample | 105 | 92 | |

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Surrogate Summary

Client: NT Global Job ID: 880-1059-1
Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid Prep Type: Total/NA

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------------|------------------------|----------|----------|--|
| | | 1CO1 | OTPH1 | |
| ab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| LCSD 880-1432/3-A | Lab Control Sample Dup | 103 | 91 | |
| MB 880-1432/1-A | Method Blank | 107 | 106 | |
| Surrogate Legend | | | | |
| 1CO = 1-Chlorooctane | | | | |
| OTPH = o-Terphenyl | | | | |

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1434/5-A

Matrix: Solid

Analysis Batch: 1437

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1434

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 11:05 | 04/07/21 18:50 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 11:05 | 04/07/21 18:50 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 11:05 | 04/07/21 18:50 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 04/07/21 11:05 | 04/07/21 18:50 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 11:05 | 04/07/21 18:50 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 04/07/21 11:05 | 04/07/21 18:50 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 11:05 | 04/07/21 18:50 | 1 |
| | | | | | | | | | |

MB MB

| Surrogate | %Recovery | Qualifier | Limits | Prep | pared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|---------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 | 04/07/2 | 21 11:05 | 04/07/21 18:50 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 04/07/2 | 21 11:05 | 04/07/21 18:50 | 1 |

Lab Sample ID: LCS 880-1434/1-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 1437

Prep Type: Total/NA

Prep Batch: 1434

| ı | | Spike | LCS | LCS | | | | %Rec. | |
|---|---------------------|-------|--------|-----------|-------|---|------|----------|--|
| | Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| | Benzene | 0.100 | 0.1167 | | mg/Kg | | 117 | 70 - 130 | |
| | Toluene | 0.100 | 0.1086 | | mg/Kg | | 109 | 70 - 130 | |
| | Ethylbenzene | 0.100 | 0.1119 | | mg/Kg | | 112 | 70 - 130 | |
| I | m-Xylene & p-Xylene | 0.200 | 0.2255 | | mg/Kg | | 113 | 70 - 130 | |
| I | o-Xylene | 0.100 | 0.1195 | | mg/Kg | | 119 | 70 - 130 | |
| ı | | | | | | | | | |

LCS LCS

| Surrogate | %Recovery Qualifier | Limits |
|-----------------------------|---------------------|----------|
| 4-Bromofluorobenzene (Surr) | 113 | 70 - 130 |
| 1.4-Difluorobenzene (Surr) | 107 | 70 - 130 |

Lab Sample ID: LCSD 880-1434/2-A

Matrix: Solid

Analysis Batch: 1437

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1434

| S | pike Lo | SD LCSD | | | | %Rec. | | RPD |
|-----------------------|-----------|----------------|-------|-----|------|----------|-----|-------|
| Analyte Ad | dded Re | sult Qualifier | Unit | D 9 | %Rec | Limits | RPD | Limit |
| Benzene 0 | .100 0.08 | 693 | mg/Kg | | 87 | 70 - 130 | 29 | 35 |
| Toluene 0 | .100 0.08 | 347 | mg/Kg | | 83 | 70 - 130 | 26 | 35 |
| Ethylbenzene 0 | .100 0.08 | 614 | mg/Kg | | 86 | 70 - 130 | 26 | 35 |
| m-Xylene & p-Xylene 0 | .200 0.1 | 683 | mg/Kg | | 84 | 70 - 130 | 29 | 35 |
| o-Xylene 0 | .100 0.08 | 392 | mg/Kg | | 84 | 70 - 130 | 35 | 35 |

LCSD LCSD

| Surrogate | %Recovery Qualifier | Limits |
|-----------------------------|---------------------|---------------------|
| 4-Bromofluorobenzene (Surr) | 95 | 70 - 130 |
| 1.4-Difluorobenzene (Surr) | 100 | 70 ₋ 130 |

Lab Sample ID: MB 880-1448/5-A

Matrix: Solid

Analysis Batch: 1437

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1448

Analyte Result Qualifier MDL Unit Prepared Analyzed Benzene <0.00200 U 0.00200 mg/Kg 04/07/21 12:45 04/08/21 05:41

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-1448/5-A

Matrix: Solid

Analysis Batch: 1437

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1448

| | IVID | IVID | | | | | | | |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 05:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 05:41 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 05:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 05:41 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 05:41 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 04/07/21 12:45 | 04/08/21 05:41 | 1 |

MB MB

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|---------------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 100 | 70 - 130 | 04/07/21 12:45 | 04/08/21 05:41 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | 70 - 130 | 04/07/21 12:45 | 04/08/21 05:41 | 1 |

Lab Sample ID: LCS 880-1448/1-A

Matrix: Solid

Analysis Batch: 1437

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 1448

| | Бріке | LCS | LCS | | | | %Rec. | |
|---------------------|--------------|---------|-----------|-------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 0.100 | 0.07615 | | mg/Kg | | 76 | 70 - 130 | |
| Toluene | 0.100 | 0.07745 | | mg/Kg | | 77 | 70 - 130 | |
| Ethylbenzene | 0.100 | 0.08662 | | mg/Kg | | 87 | 70 - 130 | |
| m-Xylene & p-Xylene | 0.200 | 0.1673 | | mg/Kg | | 84 | 70 - 130 | |
| o-Xylene | 0.100 | 0.08750 | | mg/Kg | | 88 | 70 - 130 | |
| | | | | | | | | |

LCS LCS

| Surrogate | %Recovery | Qualifier | Limits |
|-----------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 |

Lab Sample ID: LCSD 880-1448/2-A

Matrix: Solid

Analysis Batch: 1437

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1448

| | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|---------------------|-------|---------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.07244 | | mg/Kg | | 72 | 70 - 130 | 5 | 35 |
| Toluene | 0.100 | 0.07509 | | mg/Kg | | 75 | 70 - 130 | 3 | 35 |
| Ethylbenzene | 0.100 | 0.08685 | | mg/Kg | | 87 | 70 - 130 | 0 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1680 | | mg/Kg | | 84 | 70 - 130 | 0 | 35 |
| o-Xylene | 0.100 | 0.08703 | | mg/Kg | | 87 | 70 - 130 | 1 | 35 |

LCSD LCSD

| Surrogate | %Recovery | Qualifier | Limits |
|-----------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 |
| 1 4-Difluorobenzene (Surr) | 98 | | 70 - 130 |

Job ID: 880-1059-1 Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-1432/1-A

Matrix: Solid

Analysis Batch: 1419

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1432

| | MB | MR | | | | | | | |
|-----------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 20:20 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 20:20 | 1 |
| C10-C28) | | | | | | | | | |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 20:20 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 04/07/21 10:39 | 04/07/21 20:20 | 1 |
| | | | | | | | | | |

мв мв

MD MD

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|---------------------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 107 | 70 - 130 | 04/07/21 10:39 | 04/07/21 20:20 | 1 |
| o-Terphenyl | 106 | 70 - 130 | 04/07/21 10:39 | 04/07/21 20:20 | 1 |

Lab Sample ID: LCS 880-1432/2-A

Matrix: Solid

Analysis Batch: 1419

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 1432

LCS LCS Spike %Rec. Added Analyte Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 1214 121 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 986.5 mg/Kg 70 - 130 C10-C28)

LCS LCS

| Surrogate | %Recovery | Qualifier | Limits |
|----------------|-----------|-----------|----------|
| 1-Chlorooctane | 105 | | 70 - 130 |
| o-Terphenyl | 92 | | 70 - 130 |

Lab Sample ID: LCSD 880-1432/3-A

Matrix: Solid

Analysis Batch: 1419

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1432

| | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | 1000 | 1143 | | mg/Kg | | 114 | 70 - 130 | 6 | 20 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 965.5 | | mg/Kg | | 97 | 70 - 130 | 2 | 20 |
| C10-C28) | | | | | | | | | |

| | LCSD I | LCSD | |
|----------------|-------------|-----------|----------|
| Surrogate | %Recovery (| Qualifier | Limits |
| 1-Chlorooctane | 103 | | 70 - 130 |
| o-Terphenyl | 91 | | 70 - 130 |

Lab Sample ID: 880-1059-1 MS

Matrix: Solid

Analysis Batch: 1419

| Client | Sample | ID: CS-1 | (1.5') |
|--------|--------|----------|--------|

Prep Type: Total/NA

Prep Batch: 1432

| | Sample | Sample | Spike | MS | MS | | | | %Rec. | |
|---|--------|-----------|-------|--------|-----------|-------|---|------|----------|--|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 998 | 1273 | | mg/Kg | | 124 | 70 - 130 | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 998 | 974.5 | | mg/Kg | | 95 | 70 - 130 | |

Job ID: 880-1059-1

Project/Site: Zinnia Fed #1 2RP-759

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-1059-1 MS **Matrix: Solid**

Analysis Batch: 1419

Client: NT Global

Client Sample ID: CS-1 (1.5') Prep Type: Total/NA Prep Batch: 1432

SDG: Eddy County NM

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 97 70 - 130 o-Terphenyl 80 70 - 130

Lab Sample ID: 880-1059-1 MSD Client Sample ID: CS-1 (1.5')

Matrix: Solid

Analysis Batch: 1419

Prep Type: Total/NA Prep Batch: 1432

Sample Sample Spike MSD MSD %Rec. RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit <49.9 U 998 1103 107 70 - 13020 Gasoline Range Organics mg/Kg 14 (GRO)-C6-C10 Diesel Range Organics (Over 998 902.2 <49.9 U mg/Kg 87 70 - 1308 20 C10-C28)

MSD MSD %Recovery Surrogate Qualifier Limits 87 70 - 130 1-Chlorooctane 74 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1544/1-A

Matrix: Solid

Analysis Batch: 1568

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Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed Chloride 5.00 <5.00 U mg/Kg 04/09/21 09:29

Lab Sample ID: LCS 880-1544/2-A

Matrix: Solid

Analysis Batch: 1568

Spike LCS LCS %Rec. Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 251.3 mg/Kg 101 90 - 110

Lab Sample ID: LCSD 880-1544/3-A

Matrix: Solid

Analysis Batch: 1568

Spike LCSD LCSD %Rec. RPD Result Qualifier Added Analyte Unit D %Rec Limits RPD Limit Chloride 250 251.6 mg/Kg 101 90 - 110

Lab Sample ID: 880-1059-1 MS

Released to Imaging: 11/16/2021 3:23:20 PM

Matrix: Solid

Analysis Ratch: 1568

| Alialysis Datcii. 1300 | | | | | | | | | | |
|------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--|
| | Sample | Sample | Spike | MS | MS | | | | %Rec. | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Chloride | 167 | | 252 | 435.0 | | mg/Kg | | 107 | 90 - 110 | |

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Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-1059-1 MSD

QC Sample Results

Client: NT Global Job ID: 880-1059-1 Project/Site: Zinnia Fed #1 2RP-759

SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: CS-1 (1.5') **Prep Type: Soluble**

Analysis Batch: 1568

Matrix: Solid

| | Sample | Sample | Spike | MSD | MSD | | | | %Rec. | | RPD |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Chloride | 167 | | 252 | 431.4 | | mg/Kg | | 105 | 90 - 110 | 1 | 20 |

Lab Sample ID: 880-1059-11 MS Client Sample ID: SW-5 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 1568

Sample Sample Spike MS MS %Rec. Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec Chloride 93.3 250 352.2 mg/Kg 104 90 - 110

Lab Sample ID: 880-1059-11 MSD Client Sample ID: SW-5 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 1568

MSD MSD %Rec. RPD Sample Sample Spike Result Qualifier Limit Analyte Added Result Qualifier Unit Limits **RPD** Chloride 93.3 250 347.7 102 90 - 110 mg/Kg

QC Association Summary

Client: NT Global

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

GC VOA

Prep Batch: 1434

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| MB 880-1434/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-1434/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-1434/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

Analysis Batch: 1437

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 380-1059-1 | CS-1 (1.5') | Total/NA | Solid | 8021B | 1448 |
| 880-1059-2 | CS-2 (1.5') | Total/NA | Solid | 8021B | 1448 |
| 380-1059-3 | CS-3 (1.5') | Total/NA | Solid | 8021B | 1448 |
| 380-1059-4 | CS-4 (2.5') | Total/NA | Solid | 8021B | 1448 |
| 380-1059-5 | CS-5 (2.5') | Total/NA | Solid | 8021B | 1448 |
| 380-1059-6 | CS-6 (2.5') | Total/NA | Solid | 8021B | 1448 |
| 380-1059-7 | SW-1 | Total/NA | Solid | 8021B | 1448 |
| 380-1059-8 | SW-2 | Total/NA | Solid | 8021B | 1448 |
| 380-1059-9 | SW-3 | Total/NA | Solid | 8021B | 1448 |
| 380-1059-10 | SW-4 | Total/NA | Solid | 8021B | 1448 |
| 380-1059-11 | SW-5 | Total/NA | Solid | 8021B | 1448 |
| 380-1059-12 | SW-6 | Total/NA | Solid | 8021B | 1448 |
| 380-1059-13 | SW-7 | Total/NA | Solid | 8021B | 1448 |
| 380-1059-14 | SW-8 | Total/NA | Solid | 8021B | 1448 |
| 380-1059-15 | SW-9 | Total/NA | Solid | 8021B | 1448 |
| MB 880-1434/5-A | Method Blank | Total/NA | Solid | 8021B | 1434 |
| MB 880-1448/5-A | Method Blank | Total/NA | Solid | 8021B | 1448 |
| _CS 880-1434/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 1434 |
| _CS 880-1448/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 1448 |
| _CSD 880-1434/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 1434 |
| LCSD 880-1448/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 1448 |

Prep Batch: 1448

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batcl |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-1059-1 | CS-1 (1.5') | Total/NA | Solid | 5035 | _ |
| 880-1059-2 | CS-2 (1.5') | Total/NA | Solid | 5035 | |
| 880-1059-3 | CS-3 (1.5') | Total/NA | Solid | 5035 | |
| 380-1059-4 | CS-4 (2.5') | Total/NA | Solid | 5035 | |
| 880-1059-5 | CS-5 (2.5') | Total/NA | Solid | 5035 | |
| 880-1059-6 | CS-6 (2.5') | Total/NA | Solid | 5035 | |
| 880-1059-7 | SW-1 | Total/NA | Solid | 5035 | |
| 380-1059-8 | SW-2 | Total/NA | Solid | 5035 | |
| 880-1059-9 | SW-3 | Total/NA | Solid | 5035 | |
| 880-1059-10 | SW-4 | Total/NA | Solid | 5035 | |
| 880-1059-11 | SW-5 | Total/NA | Solid | 5035 | |
| 880-1059-12 | SW-6 | Total/NA | Solid | 5035 | |
| 880-1059-13 | SW-7 | Total/NA | Solid | 5035 | |
| 880-1059-14 | SW-8 | Total/NA | Solid | 5035 | |
| 880-1059-15 | SW-9 | Total/NA | Solid | 5035 | |
| MB 880-1448/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-1448/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-1448/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

QC Association Summary

Client: NT Global Job ID: 880-1059-1
Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

GC Semi VOA

Analysis Batch: 1419

| Prep Bato | Method | Matrix | Prep Type | Client Sample ID | Lab Sample ID |
|-----------|----------|--------|-----------|------------------------|-------------------|
| 143 | 8015B NM | Solid | Total/NA | CS-1 (1.5') | 880-1059-1 |
| 143 | 8015B NM | Solid | Total/NA | CS-2 (1.5') | 880-1059-2 |
| 143 | 8015B NM | Solid | Total/NA | CS-3 (1.5') | 880-1059-3 |
| 143 | 8015B NM | Solid | Total/NA | CS-4 (2.5') | 880-1059-4 |
| 143 | 8015B NM | Solid | Total/NA | CS-5 (2.5') | 880-1059-5 |
| 143 | 8015B NM | Solid | Total/NA | CS-6 (2.5') | 880-1059-6 |
| 143 | 8015B NM | Solid | Total/NA | SW-1 | 880-1059-7 |
| 143 | 8015B NM | Solid | Total/NA | SW-2 | 880-1059-8 |
| 143 | 8015B NM | Solid | Total/NA | SW-3 | 880-1059-9 |
| 143 | 8015B NM | Solid | Total/NA | SW-4 | 880-1059-10 |
| 143 | 8015B NM | Solid | Total/NA | SW-5 | 880-1059-11 |
| 143 | 8015B NM | Solid | Total/NA | SW-6 | 880-1059-12 |
| 143 | 8015B NM | Solid | Total/NA | SW-7 | 880-1059-13 |
| 143 | 8015B NM | Solid | Total/NA | SW-8 | 880-1059-14 |
| 143 | 8015B NM | Solid | Total/NA | SW-9 | 880-1059-15 |
| 143 | 8015B NM | Solid | Total/NA | Method Blank | MB 880-1432/1-A |
| 143 | 8015B NM | Solid | Total/NA | Lab Control Sample | LCS 880-1432/2-A |
| 143 | 8015B NM | Solid | Total/NA | Lab Control Sample Dup | LCSD 880-1432/3-A |
| 143 | 8015B NM | Solid | Total/NA | CS-1 (1.5') | 880-1059-1 MS |
| 143 | 8015B NM | Solid | Total/NA | CS-1 (1.5') | 880-1059-1 MSD |

Prep Batch: 1432

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batc |
|-------------------|------------------------|-----------|--------|-------------|-----------|
| 880-1059-1 | CS-1 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-1059-2 | CS-2 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-1059-3 | CS-3 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-1059-4 | CS-4 (2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-1059-5 | CS-5 (2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-1059-6 | CS-6 (2.5') | Total/NA | Solid | 8015NM Prep | |
| 880-1059-7 | SW-1 | Total/NA | Solid | 8015NM Prep | |
| 880-1059-8 | SW-2 | Total/NA | Solid | 8015NM Prep | |
| 880-1059-9 | SW-3 | Total/NA | Solid | 8015NM Prep | |
| 880-1059-10 | SW-4 | Total/NA | Solid | 8015NM Prep | |
| 880-1059-11 | SW-5 | Total/NA | Solid | 8015NM Prep | |
| 880-1059-12 | SW-6 | Total/NA | Solid | 8015NM Prep | |
| 880-1059-13 | SW-7 | Total/NA | Solid | 8015NM Prep | |
| 880-1059-14 | SW-8 | Total/NA | Solid | 8015NM Prep | |
| 880-1059-15 | SW-9 | Total/NA | Solid | 8015NM Prep | |
| MB 880-1432/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-1432/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-1432/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-1059-1 MS | CS-1 (1.5') | Total/NA | Solid | 8015NM Prep | |
| 880-1059-1 MSD | CS-1 (1.5') | Total/NA | Solid | 8015NM Prep | |

HPLC/IC

Leach Batch: 1544

| Lab Sample ID 880-1059-1 | Client Sample ID CS-1 (1.5') | Prep Type Soluble | Matrix Solid | Method DI Leach | Prep Batch |
|------------------------------------|------------------------------|-------------------|--------------|-----------------|------------|
| 880-1059-2 | CS-2 (1.5') | Soluble | Solid | DI Leach | |
| 880-1059-3 | CS-3 (1.5') | Soluble | Solid | DI Leach | |

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QC Association Summary

Client: NT Global

Job ID: 880-1059-1 Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 1544 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-1059-4 | CS-4 (2.5') | Soluble | Solid | DI Leach | _ |
| 880-1059-5 | CS-5 (2.5') | Soluble | Solid | DI Leach | |
| 880-1059-6 | CS-6 (2.5') | Soluble | Solid | DI Leach | |
| 880-1059-7 | SW-1 | Soluble | Solid | DI Leach | |
| 880-1059-8 | SW-2 | Soluble | Solid | DI Leach | |
| 880-1059-9 | SW-3 | Soluble | Solid | DI Leach | |
| 880-1059-10 | SW-4 | Soluble | Solid | DI Leach | |
| 880-1059-11 | SW-5 | Soluble | Solid | DI Leach | |
| 880-1059-12 | SW-6 | Soluble | Solid | DI Leach | |
| 880-1059-13 | SW-7 | Soluble | Solid | DI Leach | |
| 880-1059-14 | SW-8 | Soluble | Solid | DI Leach | |
| 880-1059-15 | SW-9 | Soluble | Solid | DI Leach | |
| MB 880-1544/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-1544/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-1544/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-1059-1 MS | CS-1 (1.5') | Soluble | Solid | DI Leach | |
| 880-1059-1 MSD | CS-1 (1.5') | Soluble | Solid | DI Leach | |
| 880-1059-11 MS | SW-5 | Soluble | Solid | DI Leach | |
| 880-1059-11 MSD | SW-5 | Soluble | Solid | DI Leach | |

Analysis Batch: 1568

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-1059-1 | CS-1 (1.5') | Soluble | Solid | 300.0 | 1544 |
| 880-1059-2 | CS-2 (1.5') | Soluble | Solid | 300.0 | 1544 |
| 880-1059-3 | CS-3 (1.5') | Soluble | Solid | 300.0 | 1544 |
| 880-1059-4 | CS-4 (2.5') | Soluble | Solid | 300.0 | 1544 |
| 880-1059-5 | CS-5 (2.5') | Soluble | Solid | 300.0 | 1544 |
| 880-1059-6 | CS-6 (2.5') | Soluble | Solid | 300.0 | 1544 |
| 880-1059-7 | SW-1 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-8 | SW-2 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-9 | SW-3 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-10 | SW-4 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-11 | SW-5 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-12 | SW-6 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-13 | SW-7 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-14 | SW-8 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-15 | SW-9 | Soluble | Solid | 300.0 | 1544 |
| MB 880-1544/1-A | Method Blank | Soluble | Solid | 300.0 | 1544 |
| LCS 880-1544/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 1544 |
| LCSD 880-1544/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 1544 |
| 880-1059-1 MS | CS-1 (1.5') | Soluble | Solid | 300.0 | 1544 |
| 880-1059-1 MSD | CS-1 (1.5') | Soluble | Solid | 300.0 | 1544 |
| 880-1059-11 MS | SW-5 | Soluble | Solid | 300.0 | 1544 |
| 880-1059-11 MSD | SW-5 | Soluble | Solid | 300.0 | 1544 |

Job ID: 880-1059-1 SDG: Eddy County NM

Project/Site: Zinnia Fed #1 2RP-759 Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-1059-1

Matrix: Solid

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Client: NT Global

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 06:44 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/07/21 21:24 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 09:45 | CH | XM |

Lab Sample ID: 880-1059-2

Matrix: Solid

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Client Sample ID: CS-2 (1.5')

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 07:04 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/07/21 22:28 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | СН | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 10:02 | CH | XM |

Lab Sample ID: 880-1059-3 Client Sample ID: CS-3 (1.5')

Date Collected: 04/05/21 00:00 **Matrix: Solid**

Date Received: 04/06/21 15:30

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 07:25 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/07/21 22:49 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | СН | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 10:08 | CH | XM |

Client Sample ID: CS-4 (2.5') Lab Sample ID: 880-1059-4 Date Collected: 04/05/21 00:00

Date Received: 04/06/21 15:30

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 07:45 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/07/21 23:11 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 10:13 | CH | XM |

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Matrix: Solid

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1 SDG: Eddy County NM

Client Sample ID: CS-5 (2.5')

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30 Lab Sample ID: 880-1059-5

Matrix: Solid

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 08:05 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/07/21 23:33 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | СН | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 10:19 | CH | XM |

Lab Sample ID: 880-1059-6

Matrix: Solid

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Client Sample ID: CS-6 (2.5')

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 1448 04/07/21 12:45 KL XM Total/NA 8021B Analysis 1437 04/08/21 08:26 KL XM1 Total/NA Prep 8015NM Prep 04/07/21 10:39 ΧM 1432 AJ Total/NA 8015B NM ΧM Analysis 1419 04/07/21 23:53 AJ Soluble ΧM Leach DI Leach 1544 04/08/21 15:31 СН ΧM Soluble Analysis 300.0 1 1568 04/09/21 10:35 CH

Client Sample ID: SW-1 Lab Sample ID: 880-1059-7

Matrix: Solid

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Туре | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 08:46 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/08/21 00:15 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | СН | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 10:41 | CH | XM |

Client Sample ID: SW-2 Lab Sample ID: 880-1059-8

Date Collected: 04/05/21 00:00 Matrix: Solid
Date Received: 04/06/21 15:30

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 09:07 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/08/21 00:36 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 10:46 | CH | XM |

Eurofins Xenco, Midland

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Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1 SDG: Eddy County NM

Lab Sample ID: 880-1059-9

Client Sample ID: SW-3

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Matrix: Solid

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Туре | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 10:28 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/08/21 02:01 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 10:52 | CH | XM |

Client Sample ID: SW-4

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Lab Sample ID: 880-1059-10

Matrix: Solid

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 1448 04/07/21 12:45 KL XM Total/NA 8021B Analysis 1437 04/08/21 10:49 KL XM1 Total/NA Prep 8015NM Prep 04/07/21 10:39 ΧM 1432 AJ Total/NA 8015B NM ΧM Analysis 1419 04/08/21 02:22 AJ Soluble ΧM Leach DI Leach 1544 04/08/21 15:31 СН ΧM Soluble Analysis 300.0 1 1568 04/09/21 10:57 CH

Client Sample ID: SW-5

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Lab Sample ID: 880-1059-11

Matrix: Solid

| - | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 11:09 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/08/21 00:57 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 11:03 | CH | XM |

Client Sample ID: SW-6

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Lab Sample ID: 880-1059-12

Matrix: Solid

| - | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 11:30 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/08/21 02:43 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 11:20 | CH | XM |

Project/Site: Zinnia Fed #1 2RP-759

SDG: Eddy County NM

Job ID: 880-1059-1

Client Sample ID: SW-7

Lab Sample ID: 880-1059-13

Matrix: Solid

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 11:50 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/08/21 01:18 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | СН | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 11:25 | CH | XM |

Lab Sample ID: 880-1059-14

Date Collected: 04/05/21 00:00 Date Received: 04/06/21 15:30

Client Sample ID: SW-8

Matrix: Solid

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 12:11 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/08/21 03:05 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | СН | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 11:42 | CH | XM |

Client Sample ID: SW-9 Lab Sample ID: 880-1059-15 Date Collected: 04/05/21 00:00

Matrix: Solid

Date Received: 04/06/21 15:30

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1448 | 04/07/21 12:45 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 1437 | 04/08/21 12:31 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 1432 | 04/07/21 10:39 | AJ | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1419 | 04/08/21 03:26 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1544 | 04/08/21 15:31 | СН | XM |
| Soluble | Analysis | 300.0 | | 1 | 1568 | 04/09/21 11:47 | CH | XM |

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global Job ID: 880-1059-1
Project/Site: Zinnia Fed #1 2RP-759 SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Pro | ogram | Identification Number | Expiration Date |
|------------------------|----------------------------------|---------------------------------|---|---------------------------|
| Texas | NE | LAP | T104704400-20-21 | 06-30-21 |
| The following analytes | are included in this report, but | t the laboratory is not certif | ied by the governing authority. This list ma | av include analytee for w |
| the agency does not of | | t the laboratory is not certifi | led by the governing authority. This list the | ay include analytes for w |
| , | | Matrix | Analyte | ay include analytes for w |
| the agency does not of | fer certification. | • | , , , | ay include analytes for w |

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Method Summary

Client: NT Global

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | XM |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | XM |
| 300.0 | Anions, Ion Chromatography | MCAWW | XM |
| 5035 | Closed System Purge and Trap | SW846 | XM |
| 8015NM Prep | Microextraction | SW846 | XM |
| DI Leach | Deionized Water Leaching Procedure | ASTM | XM |

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

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Sample Summary

Client: NT Global

Project/Site: Zinnia Fed #1 2RP-759

Job ID: 880-1059-1

SDG: Eddy County NM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 880-1059-1 | CS-1 (1.5') | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-2 | CS-2 (1.5') | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-3 | CS-3 (1.5') | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-4 | CS-4 (2.5') | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-5 | CS-5 (2.5') | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-6 | CS-6 (2.5') | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-7 | SW-1 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-8 | SW-2 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-9 | SW-3 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-10 | SW-4 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-11 | SW-5 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-12 | SW-6 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-13 | SW-7 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-14 | SW-8 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |
| 880-1059-15 | SW-9 | Solid | 04/05/21 00:00 | 04/06/21 15:30 | |

Relinquished by (Signature)

lotice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates

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Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Revised Date 05012020 Rev 2020.1

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| | | | | | | | | | | | | / | | | | | | | Page | | of | 2 |
| Project Manager | Mike Carmona | | | | Bill to: (if different) | rent) | Jan | James Kennedy | inedy | | | | | | 21 - 21 - 21 | ¥o | ₹ Ord | er Con | Work Order Comments | | Manhoustongo | |
| Company Name, | NTG Environmental | ita | | | Company Name | ame. | EO | EOG Resources | urces | | | | <u> </u> | ogram: | UST/PS | | ₽ | wnfiel | Program: UST/PST PRP rownfields RC | | Derfund | |
| Address | 701 Tradewinds BLVD | BLVD | | - 10 | Address. | | 550 |)9 Chan | 5509 Champions Di | _ | | | St | State of Project | oject: | [| ı | | ĺ | | Ļ | |
| City, State ZIP | Midland, TX 79706 | 6 | | | City, State ZIP | ē | Mid. | Midland, Tx 79706 | × 79706 | | | | I | porting | level II | Leve | Ē | ST/US | Reporting Level II Level III ST/UST RRP | | □Level IV □ | |
| Phone: | 432-813-0263 | | | Email | James Kennedy@eogresources | nnedy@e | ogresou | ırces | | | | | D D | Deliverables EDD | s EDI | | A | ADaPT 🗆 |] Other | ner. | | |
| Project Name | Zınnia Fed | Zınnia Fed #1 2RP-759 | 9 | Tum | Turn Around | | | | | | ANALY | LYSIS | SIS REQUEST | ST | of students of the same | | | | Prese | vative | Preservative Codes | * |
| Project Number | 21 | 214052 | | Routine | ✓ Rush | ΩÞ | Pres. Code | | | | | | | | | | | N _O | None NO | 0 | DI Water: H₂0 | ᆼ |
| Project Location | Eddy C | Eddy County, NM | | Due Date | 48HR | | | ١ | | | | | | | | | | ္ဌ | Cool Cool | < | MeOH Me | |
| Sampler's Name. | | ES | | TAT starts the day received by the | day received b | y the | -25.000 | IRO | | | | | | | | | | 품 | HCL HC | _ | HNO3. HN | - |
| PO#: | | | | lab if receiv | lab if received by 4.30pm | | 5 | + M | | *************************************** | | | | | | , | | Ŧ | H,S0, H, | z | NaOH Na | - ' |
| SAMPLE RECEIPT | Temp Blank | | Yes (No.) | Wet Ice: | (Yes No | | nete 1B | | 00 0 | | | | | | | | | <u></u> | Н₃РО₄ НР | | | |
| Received Intact: | (Yes/ | No. | Thermometer ID | er ID: | TRR | | oleto contro | | ie 3 | | | | | | | | | | NaHSO ₄ NABIS | BIS | | |
| Cooler Custody Seals: | Yes No | | Correction Factor | actor | to.5 | | STEX | (GR | hlord | | | | | | | | | HO Na | $Na_2S_2O_3$ $NaSO_3$ | aSO ₃ | | |
| Total Containers | X | | Corrected Temperatur | Corrected Temperature: | 5 9 | | agestos as dus | 8015 | | | | | | | | | | Na ! | NaOH+Ascorbic Acid SAPC | orbic Ac | id SAPC | |
| Sample Identification | ification | Date | Time | Soll | Water c | Grab/ # | Cont | ТРН | | | | | | | | | | 100 mg | Samp | le Cor | Sample Comments | |
| CS-1 (1 5') | | 4/5/2021 | 1 | × | | 0 | 1 × | × | × | | | | | _ | | | | _ | | 1000 | The second secon | |
| CS-2 (1 5') | | 4/5/2021 | , | × | | C | 1 × | × | × | | | | | | | | | _ | | | | |
| CS-3 (1 5') | | 4/5/2021 | | × | | C | ^ × | × | × | _ | | | | | | | | _ | | | | |
| CS-4 (2 5') | | 4/5/2021 | , | × | | C | ^ × | × | × | | | | | | | | | | | | | |
| CS-5 (2 5') | | 4/5/2021 | - | × | | C | ^ × | × | × | | | | | | | | | - | | | | |
| CS-6 (2 5') | | 4/5/2021 | ı | × | | ဂ | × | × | × | | | | | | | | | | | | *************************************** | |
| SW-1 | | 4/5/2021 | ٠ | × | | C | × | × | × | | \dashv | | - | | | | | - | | | | |
| SW-2 | | 4/5/2021 | | × | | C | ^ × | × | × | | | | | | | | | \dashv | | | | |
| SW-3 | | 4/5/2021 | | × | | C | 1 × | × | × | | | | | | | | | - | | | | |
| SW-4 | | 4/5/2021 | | × | | С | × | × | × | | | | | | | | | | | | | |
| Additoir | Additoinal Comments: | | | | | | | | | | | | | | | | | | | | | |
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Page 32 of 34

Work Order No: _



| | 明月 6. 宋 (宋) 宋 (宋) 《 (宋) 《 · (宋) 》 | | | | | | | | | | | | | | | | | | Page | e e | 2 of | N |
|---|---|-------------------------------------|---------------------|------------------------------------|----------------------------|--------------|---------------|---------------------------|-------------------------|------------|-----------------|-------------------|--|--------------------------------------|----------------------|--------------------------|--------------------------|-------------|---|---|-----------|---------------|
| Project Manager | Mike Carmona | | | | Bill to (if different) | rent) | Ja | James Kennedy | nnedy | | | | | | | Ę | Work Order Comments | der C | omm | ents | | |
| Company Name | NTG Environmental | ental | | | Company Name | ame: | EC | EOG Resources | ources | | | | ס | Program. UST/PST ☐PRP | UST/P | ST 🏳 | 징 | ∏rownfields | ields | RC | perfund | und |
| Address: | 701 Tradewinds BLVD | BLVD | | | Address | 7.0000 | 55 | 5509 Champions Dr | npions l |)r | | | S | State of Project: | roject: | ļ | | | | | ļ | |
| City, State ZIP | Midland, TX 79706 | 706 | | | City, State ZIP | Ö | <u> </u> | Midland Tx 79706 | x 79706 | | | | | Reporting Level II Level III PST/UST | Level | االو | el ≡ | DsT/I | | RRP | Leve | □Level IV □ |
| Phone | 432-813-0263 | | | Email | James Kennedy@eogresources | nnedy@e | ogreso | urces | | | | | 0 | Deliverables | es EDD | | | ADaPT 🗆 | | Other | | |
| Project Name | Zinnia Fe | Zinnia Fed #1 2RP-759 | 59 | Tum | Turn Around | | | | | | A | ANAI YSIS REQUEST | REOL | | | | | | | Prosonvative Codes | | Š |
| Project Number | 2 | 214052 | | Routine | √ Rush | פי כ | Pres. | | | | |) 1 0 | | | \dashv | | | | None NO | 5 | DI WE | DI Water: H-O |
| Project Location | Eddy | Eddy County, NM | | Due Date | 48HR | | | | | | - | | | | | 1 | | | Cool Cool | <u>3</u> | MPOH MO | 5 |
| Sampler's Name. | | ES | | TAT starts the day received by the | lay received b | by the | | RO) | | | | | | | | | | | HCL HC | ਨ <u>ਤੋਂ</u> | HNO. HN | ž |
| PO#: | | | | lab if receiv | lab if received by 4 30pm | | ' 5 | + M | | | | | | | | | | | H ₂ SO ₄ H ₂ | Ţ ; | NaOH Na | Z : |
| SAMPLE RECEIPT | | Temp Blank | Yes No | Wet Ice | ∬Yes No | | eter | | 0 0 | | | | | | | | | | H ₂ PO, HP | ₩, | | į |
| Received Intact: | Yes | \sim | Thermometer ID | ler ID | 1.7 | | 8021 | | e 30 | | | | | | | | | | NaHS | NaHSO ₄ NABIS | | |
| Cooler Custody Seals. | yes No | | Correction Factor | Factor | 40,5 | | ing side of | | ordi | | | | | | | | | но | Na ₂ S ₂ (| Na ₂ S ₂ O ₃ NaSO ₃ | د | |
| Sample Custody Seals | Yes | No (N/A) | Temperature Reading | re Reading | 7.7 | | D- | | Chl | | | | | | | | | | Zn Ace | Zn Acetate+NaOH Zn | NZ HC | |
| Total Containers. | | | Corrected 1 | Corrected Temperature | S | 9 | Min a service | 801 | | | | | | | | | | | NaOH | NaOH+Ascorbic Acıd SAPC | : Acid S | APC |
| Sample Identification | tification | Date | Time | Soil | Water | Grab/ # | # of Cont | TPI | | | | | | | | | | | (O | Sample Comments | omme | nts |
| SW-5 | 5 | 4/5/2021 | , | × | | C | _ | × | × | | | | | _ | | 1 | | | | | | |
| 6-WS | 6 | 4/5/2021 | t | × | | C | | × | × | | | | | - | | | | | | | | |
| SW-7 | 7 | 4/5/2021 | • | × | | C | | × | × | | | | | | | 1 | | | | | | |
| SW-8 | 8 | 4/5/2021 | • | × | | C | <u> </u> | × | × | | | | | - | | | | | | | | |
| e-Ms | 9 | 4/5/2021 | - | × | | C | <u> </u> | × | × | | | | | | | | | | | | | |
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| Additoi | Additoinal Comments: | | | | | | | | | | | | | | | | | | | | | |
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| Har Bar | | 12/2 | | MMC | | 4 | | 5 | Q | 20 | | 1 1 | | | | | 8 | | | | | |
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Work Order No:

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global Job Number: 880-1059-1 SDG Number: Eddy County NM

List Source: Eurofins Midland

Login Number: 1059 List Number: 1

Creator: Phillips, Kerianna

| Question | Answer | Comment |
|--|--------|---------|
| The cooler's custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |

Eurofins Midland
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Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-1259-1

Laboratory Sample Delivery Group: Eddy Co, NM Client Project/Site: Zinnia Fed Unit #1 2RP-759

For:

NT Global 701 Tradewinds Blvd Midland, Texas 79706

Attn: Mike Carmona

MRAMER

Authorized for release by: 4/15/2021 6:20:00 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

Review your project

results through
Total Access

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Have a Question?



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Released to Imaging: 11/16/2021 3:23:20 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: NT Global Laboratory Job ID: 880-1259-1
Project/Site: Zinnia Fed Unit #1 2RP-759 SDG: Eddy Co, NM

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Definitions/Glossary

Client: NT Global Job ID: 880-1259-1 Project/Site: Zinnia Fed Unit #1 2RP-759

SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier **Qualifier Description** S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| *1 | LCS/LCSD RPD exceeds control limits. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |
| HPLC/IC | |
| Qualifier | Qualifier Description |

U

RER

RPD

TEF **TEQ**

TNTC

RL

| Glossary | |
|----------------|---|
| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| | |

Eurofins Xenco, Midland

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Case Narrative

Client: NT Global

Project/Site: Zinnia Fed Unit #1 2RP-759

Job ID: 880-1259-1

SDG: Eddy Co, NM

Job ID: 880-1259-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-1259-1

Receipt

The samples were received on 4/13/2021 4:27 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Date Received: 04/13/21 16:27

Client Sample Results

Client: NT Global Job ID: 880-1259-1
Project/Site: Zinnia Fed Unit #1 2RP-759 SDG: Eddy Co, NM

Client Sample ID: SW-3

Date Collected: 04/12/21 00:00

Lab Sample ID: 880-1259-1

Matrix: Solid

Mothod: 9021B Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 139 | S1+ | 70 - 130 | | | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 | | | | 04/14/21 10:34 | 04/14/21 22:12 | 1 |

| Method: 8015B NM - Diesel Rang | ge Organics (D | RO) (GC) | | | | | | | |
|-----------------------------------|----------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.9 | U | 49.9 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:07 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <49.9 | U *+ *1 | 49.9 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:07 | 1 |
| C10-C28) | | | | | | | | | |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:07 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:07 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | | | 70 - 130 | | | | 04/14/21 08:54 | 04/14/21 17:07 | 1 |
| o-Terphenyl | 106 | | 70 - 130 | | | | 04/14/21 08:54 | 04/14/21 17:07 | 1 |

| Method: 300.0 - Anions, Ion Chromatography - Soluble | | | | | | | | | |
|--|----------|------------------|------|----------|---|----------|----------------|---------|--|
| | Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac | |
| | Chloride | 59.5 | 4.97 | mg/Kg | | | 04/13/21 23:50 | | |

Client Sample ID: SW-4

Date Collected: 04/12/21 00:00

Lab Sample ID: 880-1259-2

Matrix: Solid

Date Received: 04/13/21 16:27

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|------------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/Kg | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 136 | S1+ | 70 - 130 | | | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 | | | | 04/14/21 10:34 | 04/14/21 22:38 | 1 |
| - Method: 8015B NM - Diesel Ra | ange Organics (D | RO) (GC) | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.9 | U | 49.9 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:29 | 1 |

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Chloride

o-Xylene

Xylenes, Total

Oll Range Organics (Over C28-C36)

Total BTEX

o-Terphenyl

Client: NT Global

Job ID: 880-1259-1 Project/Site: Zinnia Fed Unit #1 2RP-759 SDG: Eddy Co, NM

Client Sample ID: SW-4 Lab Sample ID: 880-1259-2

Date Collected: 04/12/21 00:00 **Matrix: Solid** Date Received: 04/13/21 16:27

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over | <49.9 | U *+ *1 | 49.9 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:29 | 1 |
| C10-C28) | | | | | | | | | |
| Oll Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:29 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:29 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 109 | | 70 - 130 | | | | 04/14/21 08:54 | 04/14/21 17:29 | 1 |
| o-Terphenyl | 102 | | 70 - 130 | | | | 04/14/21 08:54 | 04/14/21 17:29 | 1 |
| o-Terphenyl - - | | | 70 - 130 | | | | 04/14/21 08:54 | 04/14/21 17:29 | |
| Method: 300.0 - Anions, Ion Chro | matography - | Soluble | | | | | | | |
| Analyte | D 14 | Qualifier | RL | MDL | 11 | D | Prepared | Analyzed | Dil Fac |

Client Sample ID: SW-6 Lab Sample ID: 880-1259-3

4.99

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

04/14/21 10:34

04/14/21 10:34

04/14/21 10:34

04/14/21 08:54

04/14/21 08:54

61.7

<0.00199 U

<0.00398 U

<0.00199 U

<50.0 U

103

Date Collected: 04/12/21 00:00 Matrix: Solid Date Received: 04/13/21 16:27

Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Benzene <0.00199 Ū 0.00199 04/14/21 10:34 04/14/21 23:03 mg/Kg Toluene <0.00199 U 0.00199 mg/Kg 04/14/21 10:34 04/14/21 23:03 04/14/21 23:03 Ethylbenzene <0.00199 U 0.00199 mg/Kg 04/14/21 10:34 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 04/14/21 10:34 04/14/21 23:03

| Surrogate | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|---------------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 133 S1+ | 70 - 130 | 04/14/21 10:34 | 04/14/21 23:03 | 1 |
| 1 4-Diffuorobenzene (Surr) | 107 | 70 130 | 04/14/21 10:34 | 04/14/21 23:03 | 1 |

0.00199

0.00398

0.00199

| | 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 | | | | 04/14/21 10:34 | 04/14/21 23:03 | 1 |
|---|--------------------------------------|--------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| | – Method: 8015B NM - Diesel Range | Organics (DI | RO) (GC) | | | | | | | |
| | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:50 | 1 |
| | (GRO)-C6-C10 | | | | | | | | | |
| | Diesel Range Organics (Over | <50.0 | U *+ *1 | 50.0 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 17:50 | 1 |
| ı | 040,000) | | | | | | | | | |

| Total TPH | <50.0 | U | 50.0 | mg/Kg | 04/14/21 08:54 | 04/14/21 17:50 | 1 |
|----------------|-----------|-----------|----------|-------|----------------|----------------|---------|
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 109 | | 70 - 130 | | 04/14/21 08:54 | 04/14/21 17:50 | 1 |

50.0

| Method: 300.0 - Anions, Ion Chron | natography - Soluble | | | | | | |
|-----------------------------------|----------------------|------|----------|---|----------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 65.8 | 4.97 | ma/Ka | | | 04/14/21 00:01 | 1 |

70 - 130

Eurofins Xenco, Midland

04/13/21 23:56

04/14/21 23:03

04/14/21 23:03

04/14/21 23:03

04/14/21 17:50

04/14/21 17:50

Surrogate Summary

Client: NT Global Job ID: 880-1259-1
Project/Site: Zinnia Fed Unit #1 2RP-759 SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

| _ | | | | Percent Surrogate Recovery (Acceptance Limits) |
|-----------------------|------------------|----------|----------|--|
| | | BFB1 | DFBZ1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-1259-1 | SW-3 | 139 S1+ | 107 | |
| 880-1259-2 | SW-4 | 136 S1+ | 107 | |
| 880-1259-3 | SW-6 | 133 S1+ | 107 | |
| Surrogate Legend | | | | |
| BFB = 4-Bromofluorob | enzene (Surr) | | | |
| DFBZ = 1,4-Difluorobe | nzene (Surr) | | | |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|-------------------|------------------------|----------|----------|--|
| | | 1CO1 | OTPH1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-1259-1 | SW-3 | 117 | 106 | |
| 880-1259-2 | SW-4 | 109 | 102 | |
| 880-1259-3 | SW-6 | 109 | 103 | |
| LCS 880-1765/2-A | Lab Control Sample | 110 | 92 | |
| LCSD 880-1765/3-A | Lab Control Sample Dup | 145 S1+ | 141 S1+ | |
| MB 880-1765/1-A | Method Blank | 100 | 99 | |

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

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QC Sample Results

Client: NT Global Job ID: 880-1259-1 Project/Site: Zinnia Fed Unit #1 2RP-759 SDG: Eddy Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-1765/1-A

Matrix: Solid

Analysis Batch: 1773

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1765

| | MR | MR | | | | | | | |
|-----------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 11:26 | 1 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 11:26 | 1 |
| C10-C28) | | | | | | | | | |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 11:26 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | 04/14/21 08:54 | 04/14/21 11:26 | 1 |
| | | | | | | | | | |
| | | | | | | | | | |

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| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 100 | | 70 - 130 | 04/14/21 08:54 | 04/14/21 11:26 | 1 |
| o-Terphenyl | 99 | | 70 - 130 | 04/14/21 08:54 | 04/14/21 11:26 | 1 |

Lab Sample ID: LCS 880-1765/2-A

Matrix: Solid

Analysis Batch: 1773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1765

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 1249 125 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1042 mg/Kg 104 70 - 130

C10-C28)

LCS LCS

| Surrogate | %Recovery | Qualifier | Limits | |
|----------------|-----------|-----------|----------|--|
| 1-Chlorooctane | 110 | | 70 - 130 | |
| o-Terphenyl | 92 | | 70 - 130 | |

Lab Sample ID: LCSD 880-1765/3-A

Matrix: Solid

Analysis Batch: 1773

| Client | Sample | ID: Lab | Control | Sample | Dun |
|---------|---------|---------|----------|----------|-----|
| Ollelit | Januare | ID. Lab | COLLIGOR | Jailible | Dub |

Prep Type: Total/NA

Prep Batch: 1765

| - | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|-----------------------------|----------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | 1000 | 1300 | | mg/Kg | | 130 | 70 - 130 | 4 | 20 |
| (GRO)-C6-C10 | | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 1565 | *+ *1 | mg/Kg | | 156 | 70 - 130 | 40 | 20 |
| C10-C28) | | | | | | | | | |

LCSD LCSD %Recovery Qualifier Limits Surrogate 145 S1+ 70 - 130 1-Chlorooctane 70 - 130 o-Terphenyl 141 S1+

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1722/1-A

Matrix: Solid

Analysis Batch: 1753

Client Sample ID: Method Blank

Prep Type: Soluble

MB MB

Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed Chloride 5.00 <5.00 U mg/Kg 04/13/21 21:15

QC Sample Results

Client: NT Global Job ID: 880-1259-1 Project/Site: Zinnia Fed Unit #1 2RP-759

SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-1722/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 1753

| | Spik | e LCS | LCS | | | | %Rec. | |
|----------|------|----------|-----------|-------|---|------|----------|--|
| Analyte | Adde | d Result | Qualifier | Unit | D | %Rec | Limits | |
| Chloride | | 249.8 | | mg/Kg | _ | 100 | 90 - 110 | |

Lab Sample ID: LCSD 880-1722/3-A **Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Soluble**

Analysis Batch: 1753

| | Spike | LCSD | LCSD | | | | %Rec. | | RPD |
|----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Chloride | 250 | 248.8 | | mg/Kg | | 100 | 90 - 110 | 0 | 20 |

QC Association Summary

Client: NT Global

Project/Site: Zinnia Fed Unit #1 2RP-759

Job ID: 880-1259-1 SDG: Eddy Co, NM

GC VOA

Prep Batch: 1790

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-1259-1 | SW-3 | Total/NA | Solid | 5035 | |
| 880-1259-2 | SW-4 | Total/NA | Solid | 5035 | |
| 880-1259-3 | SW-6 | Total/NA | Solid | 5035 | |

Analysis Batch: 1791

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-1259-1 | SW-3 | Total/NA | Solid | 8021B | 1790 |
| 880-1259-2 | SW-4 | Total/NA | Solid | 8021B | 1790 |
| 880-1259-3 | SW-6 | Total/NA | Solid | 8021B | 1790 |

GC Semi VOA

Prep Batch: 1765

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 880-1259-1 | SW-3 | Total/NA | Solid | 8015NM Prep | |
| 880-1259-2 | SW-4 | Total/NA | Solid | 8015NM Prep | |
| 880-1259-3 | SW-6 | Total/NA | Solid | 8015NM Prep | |
| MB 880-1765/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-1765/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-1765/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 1773

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-1259-1 | SW-3 | Total/NA | Solid | 8015B NM | 1765 |
| 880-1259-2 | SW-4 | Total/NA | Solid | 8015B NM | 1765 |
| 880-1259-3 | SW-6 | Total/NA | Solid | 8015B NM | 1765 |
| MB 880-1765/1-A | Method Blank | Total/NA | Solid | 8015B NM | 1765 |
| LCS 880-1765/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 1765 |
| LCSD 880-1765/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 1765 |

HPLC/IC

Leach Batch: 1722

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 880-1259-1 | SW-3 | Soluble | Solid | DI Leach | |
| 880-1259-2 | SW-4 | Soluble | Solid | DI Leach | |
| 880-1259-3 | SW-6 | Soluble | Solid | DI Leach | |
| MB 880-1722/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-1722/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-1722/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Analysis Batch: 1753

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 880-1259-1 | SW-3 | Soluble | Solid | 300.0 | 1722 |
| 880-1259-2 | SW-4 | Soluble | Solid | 300.0 | 1722 |
| 880-1259-3 | SW-6 | Soluble | Solid | 300.0 | 1722 |
| MB 880-1722/1-A | Method Blank | Soluble | Solid | 300.0 | 1722 |
| LCS 880-1722/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 1722 |
| LCSD 880-1722/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 1722 |

Job ID: 880-1259-1

Client: NT Global Project/Site: Zinnia Fed Unit #1 2RP-759 SDG: Eddy Co, NM

Lab Sample ID: 880-1259-1 Client Sample ID: SW-3

Date Collected: 04/12/21 00:00 Matrix: Solid Date Received: 04/13/21 16:27

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Туре | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1790 | 04/14/21 10:34 | MR | XM |
| Total/NA | Analysis | 8021B | | 1 | 1791 | 04/14/21 22:12 | MR | XM |
| Total/NA | Prep | 8015NM Prep | | | 1765 | 04/14/21 08:54 | DM | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1773 | 04/14/21 17:07 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1722 | 04/13/21 16:50 | SC | XM |
| Soluble | Analysis | 300.0 | | 1 | 1753 | 04/13/21 23:50 | CH | XM |

Client Sample ID: SW-4 Lab Sample ID: 880-1259-2 Date Collected: 04/12/21 00:00 **Matrix: Solid**

Date Received: 04/13/21 16:27

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1790 | 04/14/21 10:34 | MR | XM |
| Total/NA | Analysis | 8021B | | 1 | 1791 | 04/14/21 22:38 | MR | XM |
| Total/NA | Prep | 8015NM Prep | | | 1765 | 04/14/21 08:54 | DM | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1773 | 04/14/21 17:29 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1722 | 04/13/21 16:50 | SC | XM |
| Soluble | Analysis | 300.0 | | 1 | 1753 | 04/13/21 23:56 | CH | XM |

Client Sample ID: SW-6 Lab Sample ID: 880-1259-3

Date Collected: 04/12/21 00:00 **Matrix: Solid** Date Received: 04/13/21 16:27

| | Batch | Batch | | Dilution | Batch | Prepared | | |
|-----------|----------|-------------|-----|----------|--------|----------------|---------|-----|
| Prep Type | Type | Method | Run | Factor | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 1790 | 04/14/21 10:34 | MR | XM |
| Total/NA | Analysis | 8021B | | 1 | 1791 | 04/14/21 23:03 | MR | XM |
| Total/NA | Prep | 8015NM Prep | | | 1765 | 04/14/21 08:54 | DM | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 1773 | 04/14/21 17:50 | AJ | XM |
| Soluble | Leach | DI Leach | | | 1722 | 04/13/21 16:50 | SC | XM |
| Soluble | Analysis | 300.0 | | 1 | 1753 | 04/14/21 00:01 | CH | XM |

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global Job ID: 880-1259-1 Project/Site: Zinnia Fed Unit #1 2RP-759

SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas | NELAP | T104704400-20-21 | 06-30-21 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte | |
|-----------------|-------------|--------|------------|--|
| 8015B NM | 8015NM Prep | Solid | Total TPH | |
| 8021B | 5035 | Solid | Total BTEX | |

Method Summary

Client: NT Global

Project/Site: Zinnia Fed Unit #1 2RP-759

Job ID: 880-1259-1

SDG: Eddy Co, NM

| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | XM |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | XM |
| 300.0 | Anions, Ion Chromatography | MCAWW | XM |
| 5035 | Closed System Purge and Trap | SW846 | XM |
| 8015NM Prep | Microextraction | SW846 | XM |
| DI Leach | Deionized Water Leaching Procedure | ASTM | XM |

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

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Sample Summary

Client: NT Global

Project/Site: Zinnia Fed Unit #1 2RP-759

Job ID: 880-1259-1

SDG: Eddy Co, NM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 880-1259-1 | SW-3 | Solid | 04/12/21 00:00 | 04/13/21 16:27 |
| 880-1259-2 | SW-4 | Solid | 04/12/21 00:00 | 04/13/21 16:27 |
| 880-1259-3 | SW-6 | Solid | 04/12/21 00:00 | 04/13/21 16:27 |

City, State ZIP:

Midland, TX 79706 701 Tradewinds BLVD

Address.

Bill to: (if different)

Company Name

EOG Resources 5509 Champions Dr

State of Project:

Program: UST/PST PRP Brownfields RRC

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Work Order Comments

Page

<u>.</u>

James Kennedy

Company Name:

NTG Environmental

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| - Chair | 880-1259 Chain of Custody | |
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| | Date/Time | Received by. (Signature) | / (Sig | ived by | Rece | | nature) | d by (Signature) | shed by | Relinquishe | | E E | Date/Time | | | (ure) | Received by (Signature) | Received | | Signature) | y m |
| <u> </u> | | | | 0 0 | due to circumstances beyond the contro forced unless previously negotiated. | beyond ly negot | nstances | due to circumstances beyond the co | s are due e enforce | uch losse rms will b | client if s | red by the analyzed | es incun | s or expens | r any losses ple submitts | onsibility fo r each sam | sume any respondence of \$5 for | shall not as: roject and a | samples and ed to each p | e of \$85.00 will be appl | of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. |
| | | | | | | but sam | dard for | inne stan | rs #ass | Contracto | es and suh | ts affiliate | Xenco. | ompany to | rom client c | hase order f | es a valid purc | les constitute | ent of sampl | ument and relinquishr | Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its affiliates and subcontractors. |
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| Ĭ | | With the state of | | | | | | _ | | | × | × | × | _ | ဂ | | × | | 4/12/2021 | 4/1 | SW-3 |
| | Sample Comments | Sam | | | | ······································ | | | | | | TPI | | # of Cont | Grab/ Comp | Water | Soll | Time | Date | | Sample Identification |
| | NaOH+Ascorbic Acid SAPC | NaOH+Asc | | | | | | | | | | 801 | | • | | 4.5 | Corrected Temperature: | orrected T | 0 | 2 | Total Containers: |
| | Zn Acetate+NaOH Zn | | | ······ | | | | | | | Chi | | ВТ | | | 4.0 | e Reading. | Temperature Reading | (NIX) | Yes No | Sample Custody Seals: |
| | NaSO. | HOL Na.S.O. NaSO. | | | | | | | | | ordi | | EX | Pa | 'n | 2.07 | actor | Correction Factor | | | Cooler Custody Seals. |
| | ABIC | | | | | | | | | | 30€ | | 3021 | ram | 89 | | er D | Thermometer ID: | } | Yes/ N | Received Intact: |
| | | H_BO NB | | | | | | | | | 0 0 | | В | eter | Yes) No | T 883 | Wet Ice: | Yes(No) | | Террь Blank: | SAMPLE RECEIPT |
| | NaOH Na | H-S0. H- | | | | | | | | | | + Mi | | s | 30pm | lab if received by 4 30pm | lab if rec | | | | P0#: |
| | | ביי מיי | | | | · | | | | | | RO) | | | ed by the | day receiv | TAT starts the day received by the | | ≤ | CRM | Sampler's Name: |
| ï | | Cool Cool | _ | | | | - | - | | | | | | | 48HR | 48 | Due Date: | | , NM | Eddy Co, NM | Project Location |
| O | DI Water: H ₂ O | None NO | _ | | | | | | | | | - | | Pres. | ង | [] Rush | Routine | _ | #1 2RP- | Zinnia Fed Unit #1 2RP-759 | Project Number |
| | Preservative Codes | Pres | | - | Secure and a second section and the second | ST | EQUE: | ALYSIS REQUEST | ANAL | | | | | A Tour | | Turn Around | đ | | 152 | 214052 | Project Name: |
| 1 | | ł | | | es. EDD | Deliverables. | Del | | | | | SS | Source | y@eogre | Kenned | Email. James Kennedy@eogresources | Email | | | 432-813-0263 | Phone: 4: |
| | ☐RRP ☐ Level IV ☐ | Reporting Level III PST/UST Dr | <u>=</u> | Leve | Level II | porting | Rep | | | | 9706 | Midland, Tx 79706 | Midlan | adhe demand | ite ZIP | City, State ZIP | | | | Midland, TX 79706 | City, State ZIP: M |

Login Sample Receipt Checklist

Client: NT Global Job Number: 880-1259-1 SDG Number: Eddy Co, NM

List Source: Eurofins Midland

Login Number: 1259 List Number: 1 Creator: Teel, Brianna

| Question | Answer | Comment |
|--|--------|-----------------|
| The cooler's custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | False | No sample times |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 54744

CONDITIONS

| Operator: | OGRID: |
|-------------------|---|
| EOG RESOURCES INC | 7377 |
| P.O. Box 2267 | Action Number: |
| Midland, TX 79702 | 54744 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| bbillings | None | 11/16/2021 |